

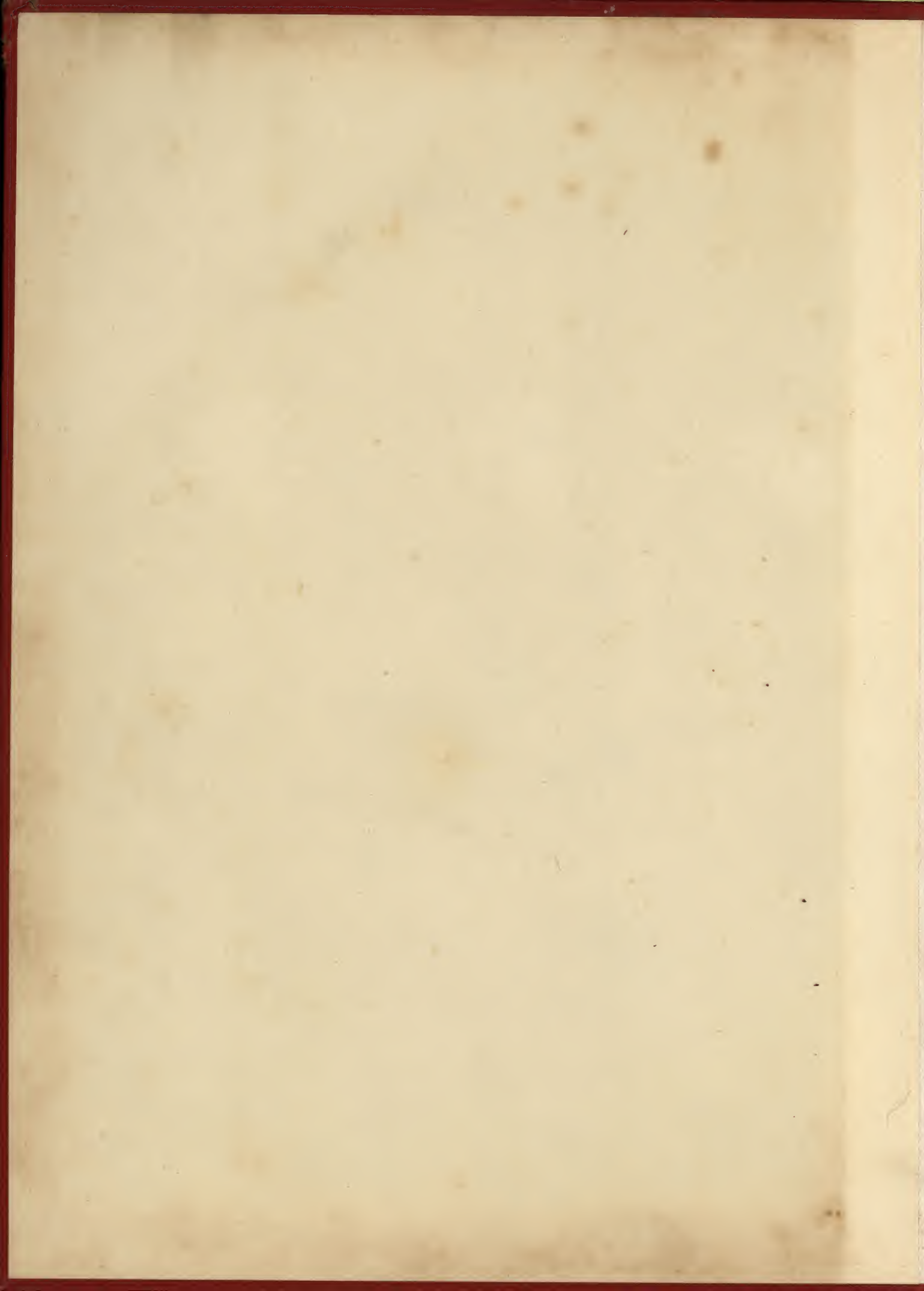


HOME

OWNERS'

CATALOGS

**a treasury of quality new-home building products  
and services for modern, comfortable living . . .**







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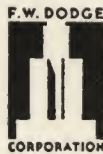
# HOME OWNERS' CATALOGS

reg. U. S. pat. off.

**D**esigned to serve families who are planning custom-built homes.

Here is a guide . . . a practical reference book . . . a valuable aid in the selection of building materials, equipment, appliances and furnishings best suited to meet your needs and desires. Between the covers of this book outstanding leaders of American industry present detailed information about new-home products and services. These firms are ready and very able to serve home-planners . . . and of course, their local dealers will extend special cooperation and many helpful home-building hints.

A Service of F. W. Dodge Corporation



119 West 40th Street, New York 18, N.Y.





# FOREWORD



**O**ver a million home-planners who "didn't know where to turn next" have turned for guidance to the book you now hold in your hands. Like you, they qualified to receive Home Owners' Catalogs absolutely free.

**T**he publishers of this book have had sixty years of intimate contact with every branch of the building industry. We have long felt that home-planners should have at their fingertips complete information—as supplied by leading firms—about the many quality products and services that make a house a home. And because home-planning time is a busy time, we believe home-planners should receive this information in the most convenient and attractive form—between the covers of a book to be treasured . . . and consulted many, many times.

**H**ere, in Home Owners' Catalogs, you have hundreds of pages of stimulating ideas and interesting facts to help you plan your new home. Now, even though there are so many things for you to think about, you know where to turn next.



**INDEX INFORMATION . . .** For your guidance. You will want to read Home Owners' Catalogs from cover to cover but for re-reference and so that you may more readily locate the home product or service in which you or your family are interested at any specific time, we have established on the following pages, index classifications under products.

Because the bound catalog pages in this volume are **not** numbered in sequence we have inserted the catalogs in alphabetical order according to the names of the companies whose catalogs appear therein. This will make it easy for you to locate the home planning information, products or services in which you are interested. Simply refer to the desired index classification and look for the bound-in catalog in alphabetical, company-name sequence.

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# Guide to Home Planning



★ Prepared by  
EDITORIAL STAFF, ARCHITECTURAL RECORD

★ Published by F. W. DODGE CORPORATION

FOR HOME OWNERS' CATALOGS





## You plan your home . . .

Planning your own home is a glorious adventure for all the family. It is a tremendous step you are taking, and may seem a little bewildering at first. Probably never again will you spend so much money on one thing. So you simply cannot afford to make mistakes, mistakes you might have to live with for the rest of your days.

That's why you should go at this job slowly and seriously, using the best professional advice. This Guide is part of that advice, designed to eliminate some possible blunders. Dependable help makes home planning absorbing and rewarding, fun while you're doing it and a joy for years to come in the pleasure the finished product gives you.

Home planning in its first stage is partly a family question-and-answer game. You know you want a home. But do you know exactly what *kind* of a home—and a setting—you want? If you do you're almost unique. Practically everyone is agreed on generalities. They want homes which are well planned, well built, handy, comfortable and attractive, but they are hazy as to materials they prefer, whether this or that heating is the thing, where to use fluorescent lights, and about porches and front halls, and whether it's a good idea to substitute a dining area for a dining room.

Now no one but you can answer many of the dozens of questions which are going to come up. But right now you probably don't know half the questions and certainly not the answers yourselves. This Guide is packed with vital questions to help you clarify your own ideas and make necessary decisions.

After you know *where* you will build, supply yourself with a folder, lots of paper and plenty of sharp pencils before you begin. As you discuss, make decisions and fill in answers, make ample notes. If you leaf through the question

lists now, you'll find there are many questions you're not yet ready to answer. When you've finished studying these pages, you'll be much surer about the answers.

You will save yourself some disappointments if you set a rough budget before you get too far in your planning. It's good to have a springboard figure of what you can afford. Considered a good way to arrive at this is to multiply your year's income by one-and-a-half. This will give you a safe cost for the house you can afford. Then multiply your yearly income by three and you have a maximum figure of cost. The final, over-all cost of your new home had best lie between these two amounts, just where being partly conditioned by how much cash you can put into your down payment.

When you've got your financial status down pat and your rough architectural plans in hand, go and talk your project over with a member of a responsible money-lending institution in your community. One of the first things they'll be interested in is the neighborhood you plan to build in. The chances are you've spent many Sundays looking at sites and deciding just that. Only after you've picked your lot and straightened out a financing system, will you be ready to have final working drawings made and out for bids. But let's get back to the planning!

Professional architectural advice is necessary to sound home planning. However, to get the most for the money you pay for this service, you'll do well to be clear as possible what kind of house you honestly want before you take your problem to the expert. He can realize your ideas in bricks and wood and stone and metal only if you can tell him precisely what they are. So gather the family around the conference table and start planning.





## irst things come first . . .

When it comes to home planning, every single member of the family should have his or her say, because you're all going to live together here, and God willing, be happy under this roof. Listen to all voices around the family council table. This makes a fine democratic set-up, but it isn't going to work unless you all know what it's practical to have.

There's been a lot of talk about new developments in building materials and methods. Some of these are wonderful improvements, and some of them are far, far in the future. Start by bringing yourself up-to-date, getting a grasp on the facts. Read the pages of this book through attentively and then you'll have a basic knowledge of what's what. When you've finished your preliminary run-through, tackle the questionnaires, consulting together, and fill them in as far as you're able to.

About now is the time to get out cross-section paper and to make your sketch diagrams of room layouts (see page 8). Try arranging room units in a general over-all scheme, bearing in mind the nature of your lot (best exposure, prevailing breeze, slope, areas for outdoor living, etc.). Don't get too agitated if you can't devise a scheme which works. Actually, that is the job of an architecturally-trained expert, but by making rough layouts you will prepare yourself to tell him some of your ideas. Try to establish dimensions which take into account the new furniture which you will want, so it will fit in pleasantly and conveniently.

Spread your sketch planning over a number of sessions and a number of weeks. Compromises are effected gradually. Flash ideas, at first hotly defended, subside. You're going to live in this house a long time. You can afford to take time to get it right.

When you've got a fairly unanimous picture of what you like, find your expert and start working with him on it. The matter of money will now become increasingly important, because he is trained to be able to give you rough estimates from early sketches. Don't be down-hearted if you have to cut your cloth to fit your purse. Nine times out of ten an even better plan will emerge, sparer and more efficient than your first dream.

Though you are full of enthusiasm for the life you will lead in your new home, in sober fact you should remember that one day you may want to sell it. From this point of view it's sage to curb any leanings toward bizarre or odd features.

When you have acceptable sketch plans it is time for you to go back to your financing institution. You are armed with some estimated figures, ready to learn how best to swing the money end of your home.

It is only when all this spade work is over that you will be ready to have final plans, working drawings, "blueprints" made. Naturally your expert will draw them, but don't be intimidated into accepting the plans if you're not wholly satisfied. Continue to make necessary changes and improvements until you have things right. They are simple on paper; they will be impossible later without added costs and heartbreak after construction has started.

The list that follows has been arranged to make it easy for you to add pencil comments. Take full advantage of this feature. Now is the time to record all your ideas in full. Later will be too late.

Check or fill in all the items you can on the next page thinking always of what you really want to do in your new home, and the facilities therefore to be provided.

NEEDS AND REQUIREMENTS CHECK LIST ON FOLLOWING PAGE





# Needs and Requirements Check List

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PROFESSION OR OTHER WORK.....Office work at home ☐ Requires space.....FT. BY.....FT.  
 Studio ☐ Music room ☐ Requires space.....FT. BY.....FT.

HOBBIES OR COLLECTIONS (list)..... Requires space.....FT. BY.....FT.

SPORTS (list)..... Requires space.....FT. BY.....FT.

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SPECIAL REQUIREMENTS.....

SLEEPING { Separate bedroom ☐ Shared with.....Size of room desired.....FT. BY.....FT.  
 Beds: twin ☐ double ☐ single ☐ sleeping porch ☐ Windows open N ☐ S ☐ E ☐ W ☐  
 Other comments.....

DRESSING { Separate dressing room ☐ Built-in units.....  
 Combined dressing room and bath ☐ Combined dressing room and wardrobe ☐  
 Vanity ☐ Dresser ☐ Triple mirror ☐ Full length mirror ☐ Safe ☐

CLOSET AND STORAGE SPACE { for the following number of  
 suits....., dresses....., hats....., coats....., shoes....., sport clothes.....,  
 Other clothing (list).....

SPECIAL FURNITURE OR EQUIPMENT (list) Mothproof storage space ☐ Fireplace ☐ Telephone ☐  
 Radio ☐

## MR.

BUSINESS OR PROFESSION.....Office work at home requires space.....FT. BY.....FT.

HOBBIES OR COLLECTIONS (list)..... Requires space.....FT. BY.....FT.

SPORTS (list)..... Requires storage space.....FT. BY.....FT.

OTHER ACTIVITIES.....Special requirements.....

SLEEPING { Separate bed room ☐ Shared with.....Size of room desired.....FT. BY.....FT.  
 Beds: twin ☐ double ☐ single ☐ sleeping porch ☐ Windows open N ☐ S ☐ E ☐ W ☐  
 Other comments.....

DRESSING { Separate dressing room ☐ Combined dressing room and bath ☐ Combined dressing room  
 and wardrobe ☐ Dresser ☐ Mirror ☐ Safe ☐ Built-in units (describe their use).....

CLOSET AND STORAGE SPACE for the following number of suits....., shoes....., hats....., coats.....,  
 Other clothing (list).....

SPECIAL FURNITURE OR EQUIPMENT (list) Mothproof storage space ☐ Fireplace ☐ Telephone ☐  
 Radio ☐



## CHILDREN

NAME..... AGE.....

HOBBIES AND SPORTS..... Requires space..... FT. BY..... FT.

WORK OR STUDY SPACE REQUIRED..... FT. BY..... FT. Storage space..... FT. BY..... FT.

SLEEPING. Separate bed room ☐ Shared with..... Desired size..... FT. BY..... FT.

Bed: Single ☐ Double ☐ Twin ☐ Single bunk ☐ Double deck bunk ☐ Windows open N ☐ S ☐ E ☐ W ☐

DRESSING. Separate dressing room ☐ Built-in units.....

CLOSET AND STORAGE SPACE for the following number of suits....., dresses....., hats....., coats....., shoes.....

Also space..... FT. BY..... FT. for storage of toys and games.....

SPECIAL FURNITURE (list).....

NAME..... AGE.....

HOBBIES AND SPORTS..... Requires space..... FT. BY..... FT.

WORK OR STUDY SPACE REQUIRED..... FT. BY..... FT. Storage space..... FT. BY..... FT.

SLEEPING. Separate bed room ☐ Shared with..... Desired size..... FT. BY..... FT.

Bed: Single ☐ Double ☐ Twin ☐ Single bunk ☐ Double deck bunk ☐ Windows open N ☐ S ☐ E ☐ W ☐

DRESSING. Separate dressing room ☐ Built-in units.....

CLOSET AND STORAGE SPACE for the following number of suits....., dresses....., hats....., coats....., shoes.....

Also space..... FT. BY..... FT. for storage of toys and games.....

SPECIAL FURNITURE (list).....

NAME..... AGE.....

HOBBIES AND SPORTS..... Requires space..... FT. BY..... FT.

WORK OR STUDY SPACE REQUIRED..... FT. BY..... FT. Storage space..... FT. BY..... FT.

SLEEPING. Separate bed room ☐ Shared with..... Desired size..... FT. BY..... FT.

Bed: Single ☐ Double ☐ Twin ☐ Single bunk ☐ Double deck bunk ☐ Windows open N ☐ S ☐ E ☐ W ☐

DRESSING. Separate dressing room ☐ Built-in units.....

CLOSET AND STORAGE SPACE for the following number of suits....., dresses....., hats....., coats....., shoes.....

Also space..... FT. BY..... FT. for storage of toys and games.....

SPECIAL FURNITURE (list).....

OTHER RESIDENT (name)..... Relationship.....

SPECIAL CONSIDERATIONS.....

.....

.....

# Needs and Requirements Check List

## GROUP ACTIVITIES

TYPES OF ENTERTAINMENT: (maximum number of guests to be filled in blanks)

DINNERS.....	MUSICALS.....	TEAS.....
CLUB MEETINGS.....	LUNCHEONS.....	GARDEN PARTIES.....
HOME MOVIES.....	DANCES.....	GAMES (children).....
CARD PARTIES.....	BUFFET SUPPERS.....	TELEVISION.....

## GENERAL REQUIREMENTS SUMMARY

LIVING ROOM Size.....FT. BY.....FT. Ceiling height.....FT. Living room activities.....

Is close relation between indoor and outdoor living spaces desired YES ☐ NO ☐

DINING ROOM Size.....FT. BY.....FT. Separate ☐ Combined with.....

LIBRARY OR DEN Size.....FT. BY.....FT. How many feet of shelving.....Fireplace ☐

POWDER ROOM Size.....FT. BY.....FT. Lavatory ☐ with door to.....

GAME ROOM Size.....FT. BY.....FT. Where located.....

Special requirements.....

GARAGE Number of cars..... Other uses: Work bench ☐ Garden Tools ☐ Bicycles ☐

Storage for.....

OUTDOOR LIVING AREAS DESIRED Covered porch ☐ Screened porch ☐ Terraces ☐ Upper level sun decks ☐ Green house ☐ Sun room ☐

STYLE OF HOUSE DESIRED (Type of architecture).....

One story house ☐ Two story house ☐ Is basement desired YES ☐ NO ☐

USES OF BASEMENT Hobby shop ☐ Home work shop ☐ Game room ☐ Photographic dark room ☐

Storage for.....

SPECIAL CONSIDERATIONS.....



# Your land and your home . . .

You probably have your lot but if you haven't one already, two questions should keep running through your mind—Do we like this community? and will such-and-such a site be suitable for the house we have in mind?

Around the question of neighborhood cluster a number of considerations:

- Have we friends in the neighborhood or are we going to like the people who live here? Are their children our children's ages?
- Is it handy to stores, schools, buses, places of worship and all the things which go with family life?
- Is it an up-and-coming neighborhood, crisp and neat, showing community pride?
- Are there the services which we shall require like electricity and gas, water and sewers, surfaced roads, pavements, fire and police protection, etc? These last have a bearing on your insurance rates.
- Is it acceptable for a mortgage? (Remember this will affect your loan.)

For the budget, note that the price of urban or suburban land usually should not exceed 20 per cent of your over-all expenditure. In the country it may be as low as 5 per cent, but there you will probably have to install some of your own services, dig a well and sewage system, bring in or make electricity, even build a road.

To go back to the second of the crucial questions, the suitability of the site to your house, you may find your land before you begin designing your home or you may begin planning your home and then find your lot. Either way the site and the building must be treated so that they end up in the closest possible harmony.

Where the house will stand and which way it will face come under the head of *orientation*. What that means to you is planning to make the most of the view, of the sun throughout the day, and of the prevailing breeze. Also to get the most privacy. Home building experience shows that in general it's good to have living rooms face south, southeast, or east, the kitchen any direction but west (to avoid the broiling late

afternoon sun), workrooms in a northerly direction (uniform, unglaring light). Bedrooms, used largely at night, can face any direction, but look out for eastward windows at the foot of your beds if you don't mean to get up with the birds. The diagram below shows how rooms can be arranged suitably as far as the compass goes.

But there are other considerations. A house planned for a level lot is unfitted to take advantage of certain charming features which can be devised for a hillside site, and vice versa. One treatment, ideal for a corner lot, may lose all validity on an inside lot. And don't forget the landscaping possibilities, where you will have a garden, lawn, play-space, outdoor living areas, and where trees will be to give shade or privacy. (Lawns and landscaping are discussed at greater length on page 27.)

Finally there is a slightly intangible factor which is still terribly important. The kind of community you're moving into and the kind of lot you're building on may decide the plan and style of your house. It would be poor taste to build a house out of keeping with the neighborhood in style, size or cost. But let's get on with our planning.





# You draw a plan . . .

The easiest and most accurate way to set about making rough plans is on cross-section or graph paper. It is ruled into  $\frac{1}{8}$  inch squares by light blue lines. You can buy it by the sheet or the pad at your stationer's.

Decide on a scale. A square on the paper to indicate a square foot of house is handy. But if you make the sides of two squares equal one foot, you have  $\frac{1}{4}$  inch scale, and the furniture drawings on page 10 may be traced and cut out so that you may fit them onto your plans. "Quarter inch scale" means that  $\frac{1}{4}$  inch measured on paper indicates 1 foot in the actual house.

Don't bother with refinements like thickness of walls. Your architectural expert can take care of all

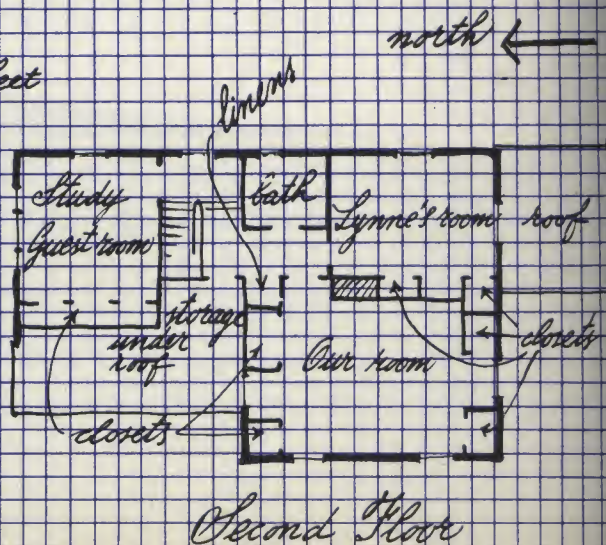
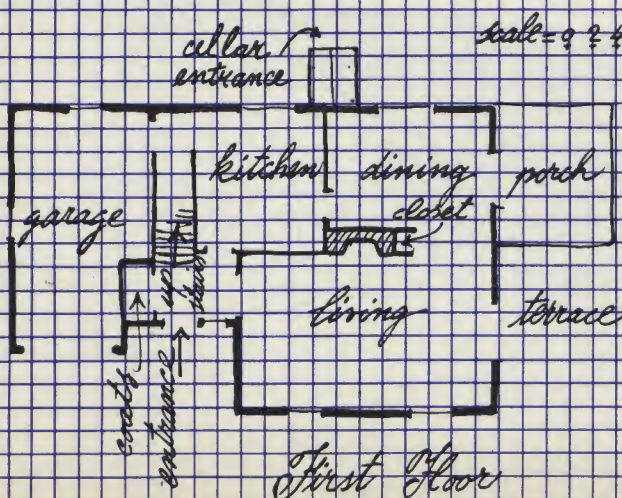
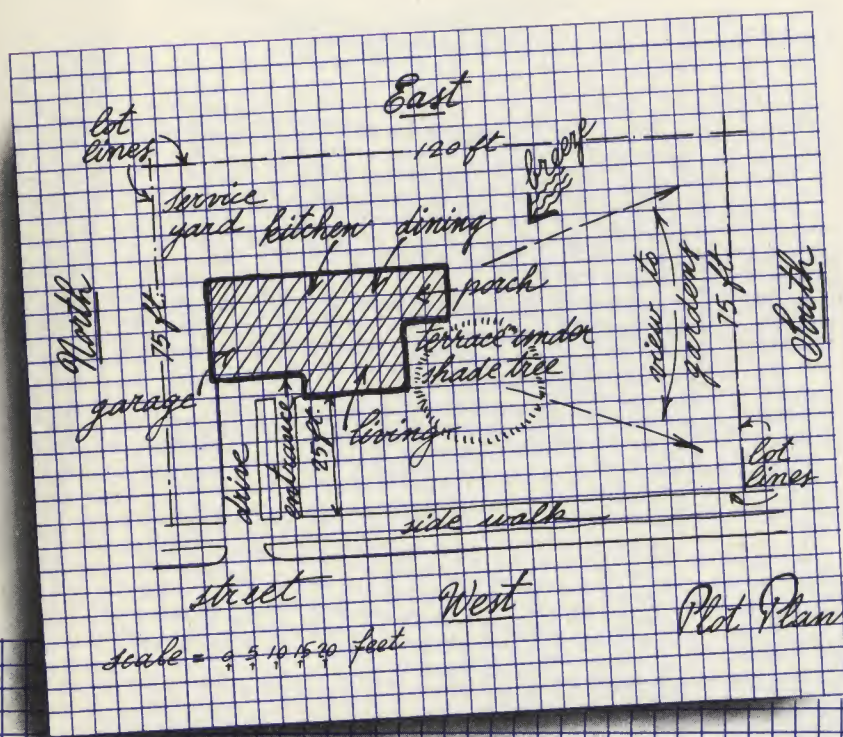
that. What you are after is general proportions and relationship of rooms to each other on the lot. To arrive at this you will first have to make a plot plan. Here you will naturally employ a smaller scale, the side of a square equalling perhaps 5 feet. Besides putting the points of the compass where they belong, indicate prevailing wind, sun, view and other orientation factors. So start with plot plan to decide on the general location of the rooms in relation to sun, wind, view, street, etc. (See diagram, left.)

Then at a larger scale ( $\frac{1}{8}$ " = 1 foot is good for these preliminary schematic plan sketches) begin with the living room, the room which will be the center of your lives, and fit the parts of the house to that. It is no more important than any other room, but it seizes the imagination, for it is the heart and holds the hearth.

When you have a plan scheme that seems about right at this scale—draw it at quarter inch scale and arrange your furniture "cut-outs" on the plan. This will help locate doors and windows so there will be wall-space and clearance space. Your final working drawings and blue prints will be at this scale too. ("Cut-outs" are shown on page 10.)

Turn to the check lists which will remind you of many planning features vital to the smooth running of the whole house.

Sketches show a plot plan and a rough house plan drawn on cross-section paper. They do not include every last detail which will go into your house, but they do have the main design elements. You may be sure, in using them as an additional check, and in following a similar method you will be crystallizing your ideas in the logical way.





# ABC's of planning . . .

Your house is taking form. You have checked the Needs and Requirements List. You know the number of rooms you will have, about where they will be, something about their size. Now you can get down to studying whether your room layouts are going to work. The best way to discover this is by asking yourself what you will want to do in any one room, and then seeing whether you can do it as you've set it up.

Front hall first. Can it be reached under cover from a car on rainy days? Does it prevent casual callers seeing all that goes on in the living room? Does it also prevent chilly drafts? Does it have adequate closet accommodations where outer garments and overshoes can be put? Can the floor be freed of mud and dampness easily? Long halls are not only inconvenient, they're also expensive since the more compact the final plan, the shorter the outside walls.

At times the living room is a place for entertaining. Can a group gather cozily around the fireplace, play games? Have you provided storage space for game equipment? Will a gathering of friends divide up naturally into friendly groups as your furniture is placed?

At other times the living room may mean a place for reading, sewing, doing homework, keeping house accounts. Is there place for the easy chairs, sofas, tables, desk, for doing these things? Room for armchair tables? Well located outlets for the right lighting without interminable and entangling electric cords? Have you ample shelf space for collections, if you're a family of hobbies? Built-in cabinets for albums or phonograph records?

The dining room is far less flexible and so less complicated to arrange, but it takes some doing. The big decision to make here is whether it will be an integral part of living room or kitchen, or a room of its own. Either way you won't want the dining room table any further from the range than need be and you must have china-linen-glass-silver storage areas handy. Be sure, too, that you leave adequate lanes for serving.

The kitchen has become a scientifically planned food preparation center, and so a delight to work in. Appliance manufacturers have engineered it to a state of wonderful exactness. Unless you have strong convictions about special features, the home owner cannot do better than to study the basic layouts they have evolved (see pages 16 and 17), designed to fit snugly into various shaped spaces. But you must decide where the laundry is to be done, and whether the basement will be handed over to the youngsters for entertaining, used as a workshop, or store room, or both. Where will you place your heating units?

When you get to the bedrooms, be sure you leave ample, unbroken wall areas for bed heads, dressers and dressing tables. Do have enough free floor space for a slipper chair or two. Readers-in-bed will make sure of the electric outlets so that reading lamps can be just right.

Have you left room in the bathroom for a generous clothes hamper? Will the medicine chest be big enough for accumulating adhesive rolls and cough syrups? Is the linen closet near at hand? Are there outlets for your electric razor, the electric heater and such?

Take great pains in all rooms to see that light switches are placed where they seem handiest to you. Be sure steps are brightly lit for safety. Finally garner every inch you can for storage. Closets and store rooms can make all the difference between comfort and crowding. Closets designed and equipped for the things they will store save lots of space.

In order that you may allow adequate space for various pieces of furniture, a page has been devoted to 1/4 inch scale diagrams from which you can trace cutouts. Dimensions are average, but many variations in size do occur, so do not take these as final. Cut out the furniture diagrams from your tracings, making as many duplicates as you need. Then test the workings of your 1/4" scale plan by arranging the furniture cut-outs in the rooms. It is a good idea to fill out the check lists for each room first.



# Typical furniture pieces ...

SCALE: 1/4" = 1'-0"  
L = LENGTH • D = DEPTH • H = HEIGHT

## LIVING ROOM



L 2'-6"  
D 3'-0"  
H 3'-0"



L 2'-3"  
D 2'-6"  
H 3'-0"



L 2'-6"  
D 2'-6"  
H 3'-0"



SIDE  
BRIDGE  
OR DESK  
L 1'-6"  
D 1'-6"  
H 2'-6"



SMALL  
L 6'-0"  
D 2'-6"  
H 3'-0"

LARGE  
L 7'-0"  
D 3'-0"  
H 3'-0"

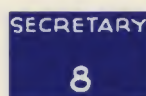


SMALL  
L 3'-6"  
D 2'-0"  
H 2'-3"

LARGE  
L 4'-6"  
D 2'-6"  
H 3'-0"



L 4'-0" TO 6'-0"  
D 2'-0" TO 3'-0"  
H 2'-6"



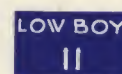
L 2'-8" TO 3'-8"  
D 1'-6" TO 2'-0"  
H 6'-2" TO 7'-2"



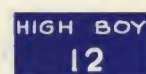
L 2'-8" TO 3'-8"  
D 1'-6" TO 2'-0"  
H 3'-6"



L 4'-0" TO 5'-0"  
D 1'-6"  
H 6'-2" TO 7'-2"



L 2'-6" TO 2'-8"  
D 1'-6" TO 1'-8"  
H 2'-4" TO 3'-2"



L 3'-0" TO 3'-6"  
D 1'-6" TO 2'-0"  
H 5'-0" TO 7'-0"



L 2'-0"  
D 1'-3"  
H 2'-0"



L 1'-8"  
D 1'-8"  
H 2'-0"



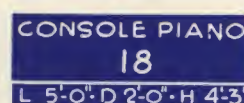
L 2'-2" TO 3'-0"  
D 1'-8" TO 2'-0"  
H 1'-6"



L 2'-6" TO 3'-0"  
D 2'-6" TO 3'-0"  
H 2'-6"



GRAND PIANO  
L 5'-6" TO 9'-0"  
D 5'-0"  
H 3'-4"



MINIATURE PIANO  
L 4'-8"  
D 1'-7"  
H 3'-0"



DIAM. 2'-6" TO 3'-0"  
H 1'-4" TO 1'-8"



DIAM. 2'-4" TO 3'-0"  
H 2'-3" TO 2'-6"



DIAM. 2'-0"  
H 2'-1" TO 2'-7"

## DINING ROOM



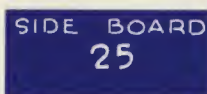
L 1'-6"  
D 1'-6"  
H 2'-6"



L 2'-0"  
D 2'-0"  
H 2'-6"



L 2'-6" TO 3'-6"  
D 1'-2" TO 1'-9"  
H 2'-8" TO 3'-0"



L 4'-0" TO 6'-6"  
D 1'-5" TO 2'-1"  
H 3'-2"



L 2'-8" TO 4'-0"  
D 1'-2" TO 1'-9"  
H 5'-2" TO 6'-2"



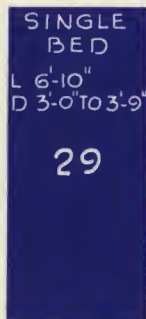
L 3'-0"  
D 1'-6"  
H 5'-8"



L 3'-6" TO 8'-0"  
D 2'-6" TO 4'-0"  
H 2'-6"

ROUND TABLES  
2'-7" TO 5'-9" DIAM.

## BEDROOM



L 6'-10"  
D 3'-0" TO 3'-9"



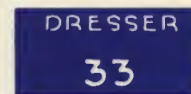
L 6'-10"  
D 4'-6" TO 4'-10"



L 1'-6"  
D 1'-6"  
H 2'-6"



L 2'-0" TO 2'-10"  
D 2'-0" TO 3'-2"  
H 2'-6"



L 3'-0" TO 4'-0"  
D 1'-6" TO 2'-0"  
H 2'-10" TO 3'-1"



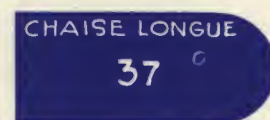
L 2'-8" TO 3'-4"  
D 1'-6" TO 1'-9"  
H 3'-8" TO 4'-8"



L 1'-2" TO 2'-0"  
D 1'-2" TO 2'-0"  
H 2'-6"



L 3'-0" TO 4'-0"  
D 1'-6" TO 1'-10"  
H 2'-6"



L 4'-0" TO 5'-6"  
D 2'-0" TO 2'-6"  
H 2'-6"



# Entrances, hall or foyer . . .



The entrance hall of your home says, "Welcome". It gives the invaluable first impression. So don't let it be cramped, colorless, impersonal. Make it attractive as well as useful. The foyer affords privacy for the rooms beyond. It cuts off drafts. It usually has a closet where hats and coats, umbrellas and galoshes and such are kept. Even better, if your budget permits, there is a downstairs lavatory off it, with room for a dressing table and full length mirror.

The foyer takes hard wear, people coming in out of all weathers. Plan a floor which can take it. Also, have the entrance well heated.

The main trouble in making a successful entrance hall is that its walls must be broken by so many doors. Try to group these so that they are orderly. And save at least one length of wall for a chair or bench where anyone who must

wait can be seated. Reserve space for a small but terribly useful table, for door chimes, for telephone stand. And plan the lighting with care.

If it is humanly possible, devise the placing of your garage so it leads into your house, so you can get to the kitchen with packages without going outdoors.

At the same time, weigh the advantages of an outside exit to your basement.

The service entrance must be considered too, placed where it will be convenient for deliveries to be made but not so conspicuous that it will detract from the front entrance. At the side or the back is usually best. And near it you will need a neat concealed place for the receptacles for waste and garbage. Many an otherwise good looking house is unsightly because these things were not thought of.

## CHECK LIST

THE MAIN ENTRANCE WILL BE TO THE NORTH ☐ SOUTH ☐ EAST ☐ WEST ☐

It will be entered from front ☐ side ☐

It will open into a hall ☐ living room ☐ foyer ☐

There will be doors to the clothes closet ☐ living room ☐ dining room ☐ bed room ☐ study ☐  
kitchen ☐ powder room ☐

Windows will be fixed ☐ casement ☐ double hung ☐ glass blocks ☐

Lighting will include, wall bracket ☐ ceiling fixture ☐ floor lamp ☐ table lamp ☐ light in closet ☐

Electrical outlets, base plugs ☐ door chimes ☐ switch for outdoor flood lights ☐ telephone ☐ and switches ☐

THE POWDER ROOM WILL BE ENTERED FROM THE hall ☐ separate hall ☐ or from.....

Windows will be fixed ☐ double hung ☐ casement ☐ glass blocks ☐

Lighting will be.....Ventilator ☐

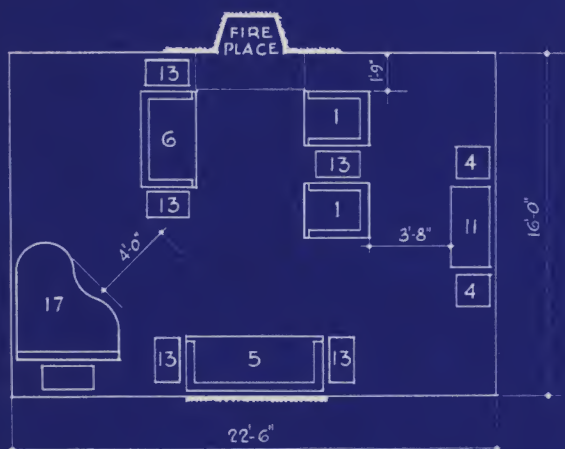
THE GARAGE DOORS WILL BE upward acting ☐ swinging ☐ folding ☐ sliding ☐ automatic control ☐

The garage will include space for workshop ☐ and additional storage ☐

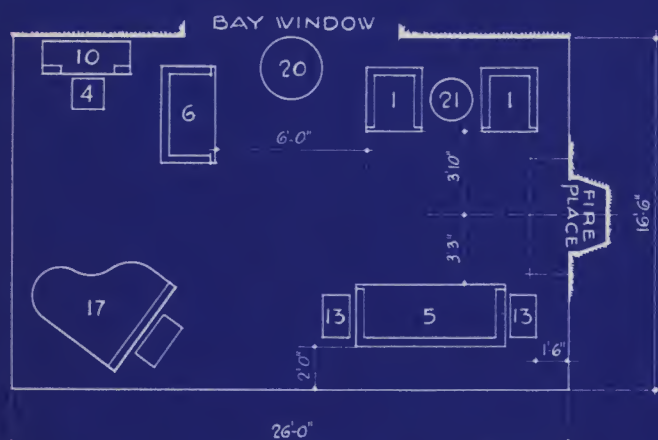
SPECIAL NOTES.....



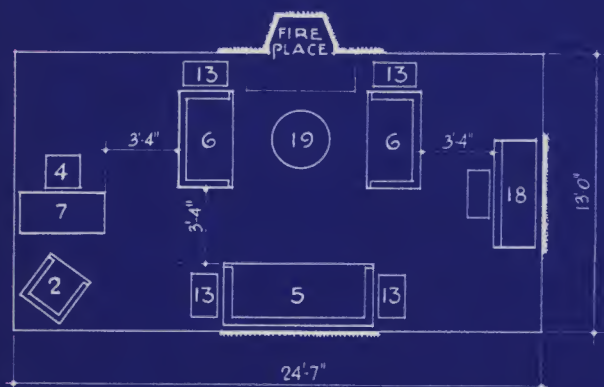
# The living room ...



1. Primary furniture is grouped closely about the fireplace. Piano is parallel to wall to provide maximum space in living room.



2. In all the suggested plans shown, bay or picture windows may be used as a focal point instead of the fireplace.



4. Writing or study group at left, music or game group at right, and center primary group, for conversation, tea, relaxation, etc.

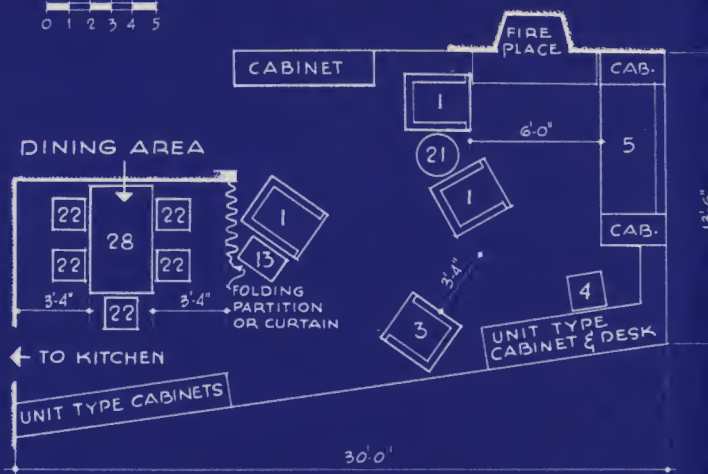
This is the room where you will mostly live, the heart of your home. In it you, as a family, will work and play and entertain your friends. Don't copy Mrs. Charles' living room, even though you had a lovely time there. The Charles live for their music, have the main furniture group around the radio and piano. Your family delights, say, in games or outdoor living. Therefore an entirely different sort of room for living is going to suit you.

But there is one practically universal living room feature you're bound to want. That is the fireplace, the hearth. If possible have it on a window-less wall, since competition with sunlight vitiates the friendly brightness of the fire. Be sure to have it where furniture drawn up around it is out of main traffic lanes. Allow for a place to store firewood neatly. Remember that your fire will keep you warm as well as content so consider building a heat circulating unit into the fireplace and chimney.

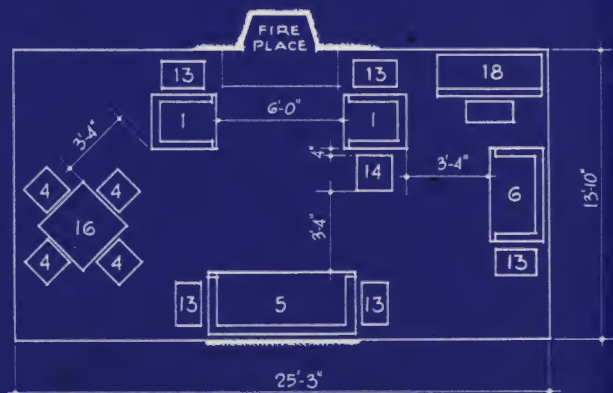
In all parts of the room study your traffic problems as

Scale of drawings in feet

0 1 2 3 4 5



3. This plan using non-parallel walls combines living-dining activities and provides more than average storage space.



5. Game-table group occupies almost the same floor area as a bay grand piano. Placement at an angle is intended for informal room



rapidly as though you were a cop. There will be coming and going, of course, but if your living room degenerates into a passageway between front door and back, stairs and kitchen, terrace and dining room, it is a failure. One way to avoid this is to set doors which lead to other parts of the house as close to each other as practical, so that passers-through won't have to tour the whole room.

Plan the living room size and shape to accommodate what you will do in this space: games, reading, viewing television, listening, talking, sewing, etc. In each case make room for a group so you can sit down together. If a window-wall is desired, plan for easy accessibility to outdoor areas. Also provide storage room for special purpose tables, portfolios, games and the rest.

This sounds as though the living room were going to have to be enormous, but furniture groupings can be used for more than one purpose. Under-scaled rather than over-scaled pieces of furniture will help to consolidate space.

Orderly arrangement is the real key to getting a lot of living from every square foot. It can be arrived at only by the most careful planning, the most searching discussion.

Whether your room be small or large, it should look right, serene. This is achieved in part by having good proportions of length to width to height. Here your trained expert will know the answers. But to help you in rough planning, a room whose width is to its length as 3 to 4, or 4 to 5, is in good proportion and your expert will work out the proper ceiling height.

On page 10 are scale plans of furniture you may want to have. The outline drawings are for you to trace and cut out and arrange on your plan, so that you can experiment with placement. They are scaled  $\frac{1}{4}$  inch to the foot and represent standard, though not invariable furniture sizes. Windows and doors do not appear on the plans shown, but heavy lines indicate best positions for unbroken walls in relation to furniture groupings.

## ✓ CHECK LIST

Mark ? for further consideration.  
Mark ✓ if O.K. for plans.

- The general exposure of the living room will be SOUTH ☐ EAST ☐ NORTH ☐ WEST ☐
- The principal view will be towards the garden ☐ street ☐
- Entrances to room from hall ☐ kitchen ☐ study ☐ terrace ☐ porch ☐
- Windows: casement ☐ double hung ☐ fixed ☐ sliding ☐ picture windows ☐ french doors ☐
- glass block ☐
- Lighting: wall brackets ☐ floor lamps ☐ table lamps ☐ cove lighting ☐ spot lights ☐
- Adequate electrical outlets: radio ☐ lamps ☐ clock ☐ telephone ☐ Servants' call bell ☐
- The fireplace of stone ☐ brick ☐ other.....equipped with ash dump ☐ log hoist ☐
- circulating unit ☐ spark screen ☐ fuel bin ☐ mantel ☐
- Unit type furniture will include book shelves ☐ bookcases ☐ storage cabinets ☐ window seats ☐
- Adequate space in the living room for chairs: (number of).....occasional ☐ club ☐ wing ☐
- straight chairs ☐ sofa ☐ love seats ☐ desk ☐ secretary ☐ bookcases ☐ end and coffee tables ☐
- Space will also be required for a grand ☐ or upright piano ☐ television set ☐ radio ☐
- other musical instruments.....
- Movie projector and screen ☐ (See also "Closets" page 19)

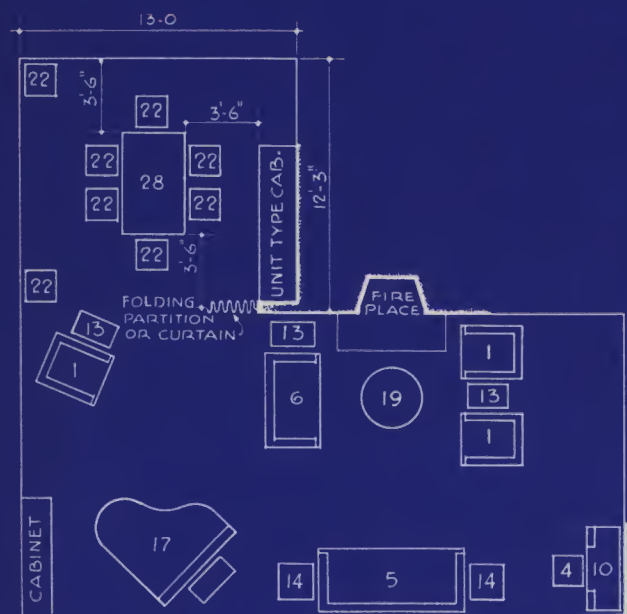
# Dining room or area . . .

Will your dining room be a part of your living room, or separate? If it's part of the living room, an "L" plan will work well, the dining area curtained or divided off by sliding partitions or folding screens. This way, table setting or clearing may be shut off, or the area made part of the living room between meals.

Wherever you do eat you will want: (a) adequate lanes for serving, (b) minimum distance between range and table, with serving surfaces between, (c) good, close-at-hand storage space for linens, silver, glass and china.

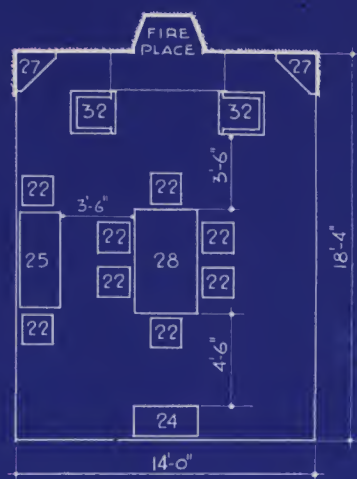
Several dining room arrangements are shown in the sketches. Here serving lanes are of minimum width. Make them wider if you can.

In your family conclaves, ask yourself whether the dining room will be used for more things than just meals. Will you play games on this table? Will the children study their lessons here? Watch your planning and lighting with the answers to these questions in mind. Make sure, too, that you've plenty of electric outlets for toaster, coffee maker and any other appliances you may be getting. Place



1. This is another example of the combined living-dining room. Unit type cabinet is used for serving and storage—conventional pieces could be substituted.

Scale of drawings in feet

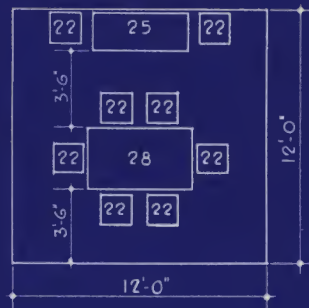


2. Dining rooms with fireplaces have to be larger than minimum for the comfort of those seated at the table. This is a typical formal suite arrangement suitable only for a large house.

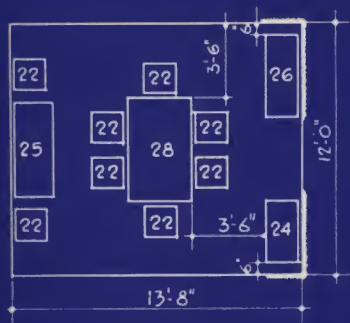


these convenient to counter, serving table or sideboard where there is room to operate them efficiently. Incidentally, you must think ahead about furniture like buffets, cabinets and the like, and allow wall space enough so that they will fit. If space is limited, unit-type cabinets, which utilize every inch, are worth considering.

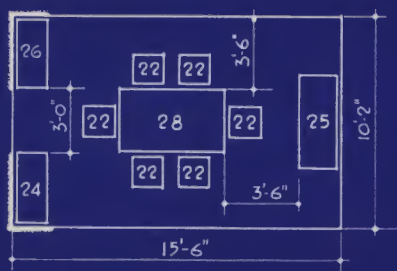
Consider having a "pass cabinet" opening from kitchen or pantry into the dining area through which dishes and trays can be passed. Under the "pass cabinet" can be a counter to serve as breakfast or snack bar, saving no end of work. Work saving and step saving features are mighty important and now is the time to put them in your plans.



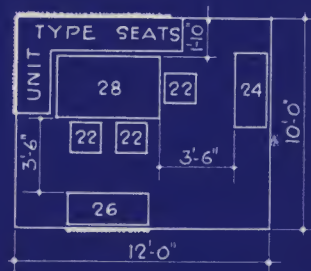
3. Minimum dining room is shown here. A space of two feet is required on one side for the buffet. Three feet additional length is necessary if an extension table is used.



4. The kitchen would be to the right end of this plan. Furniture is located on two walls only making it possible to use this scheme in a living-dining room layout.



5. A long narrow dining room results when wall pieces are at the ends, and an end entrance from the kitchen is needed, with wider doors from living room.



6. Spaces smaller than the usual minimum can be utilized if unit type seats are included, but seating and table-service comfort are sacrificed to some extent.

## ✓ CHECK LIST

- The general exposure will be NORTH ☐ SOUTH ☐ EAST ☐ WEST ☐
- Doors open into it from hall ☐ living room ☐ kitchen ☐ pantry ☐ terrace ☐ breakfast room ☐
- Dining room will be separate ☐ combined with ☐
- Separation by folding partitions ☐ drapery ☐ screens ☐ doors ☐
- It will serve ..... people. Size of table ..... rectangular ☐ round ☐
- Unit type furniture, china cabinets ☐ food or beverage bar ☐ benches ☐
- Space for ..... chairs, china closet ☐ table ☐ server ☐ buffet ☐ tea wagon ☐
- Windows: casement ☐ double hung ☐ fixed ☐ sliding ☐ french doors ☐ glass block ☐
- Lighting: cove ☐ drop fixture ☐ wall brackets ☐ Electrical outlets for perculator ☐ grill ☐
- toaster ☐ illuminated table piece ☐ radio ☐ telephone ☐ Call bell or table chime ☐

Mark ? for further consideration.  
Mark ✓ if O.K. for plans.



# The kitchen . . .

The lady of the house may well spend more time in her kitchen than any place else, so she will want it not only efficient, but also charming.

You can have a kitchen as compact and ship-shape as the galley of a yacht if you want but the trend is toward more spacious kitchens rather than smaller, but with space that is useful as well as pleasant. An informal dining corner or snack-bar is not only convenient and time-saving but can be made colorful and gay. It would be useful too as a meal-planning "kitchen office" and a place for relaxing or reading while keeping an eye or ear on the pressure cooker. Here you can keep your cookbooks, recipe cards, records and perhaps a radio.

One end of the kitchen can be divided off with a folding gate to make an easily watched play-area for the little tots. By careful planning the laundry with its labor saving machines can be combined with the kitchen in such a way that one function will not interfere with the other.

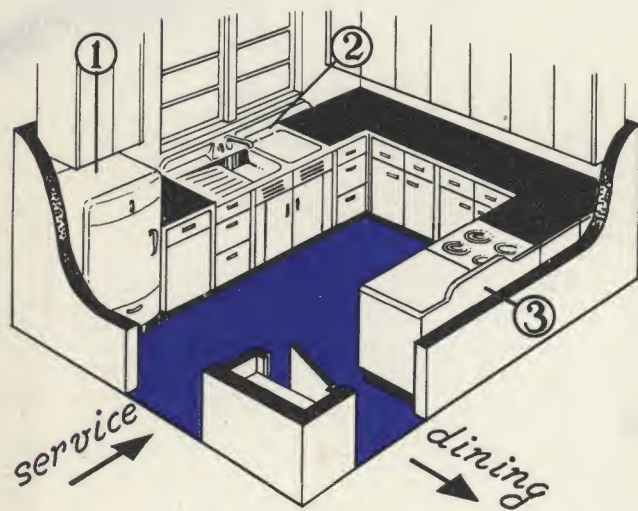
There are so many different ways of developing your

kitchen into an efficient, attractive, interesting multi-purpose room that they can only be suggested here. But there are a few principles for planning the food-preparation part of the kitchen that will save untold steps and time.

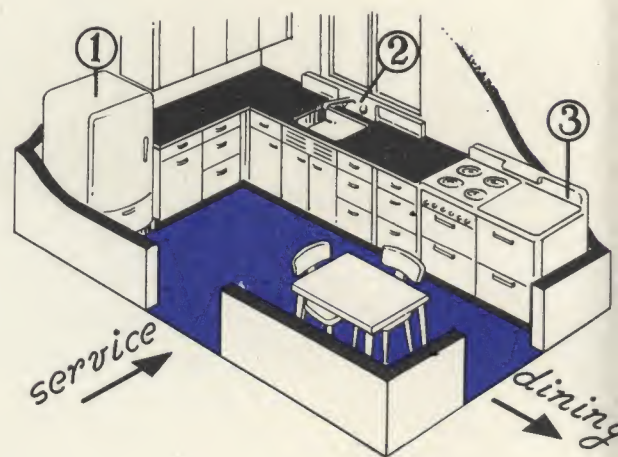
For efficiency, it has been discovered that the best way to plan is by "use-areas." There are three: (1) for food storage, (2) for food preparation and clean-up and (3) for cooking and serving. Start at the service entrance, through which food enters your house and put (1) nearest to it. Thus the hamburgers and eggs will go directly into the refrigerator, vegetables into bins, staples into cabinets. Next comes (2), of which the focal center is the sink with drain boards, counters, cabinets and drawers for utensils. The last, (3), is furthest from the back door and nearest to the serving counter or pantry or dining room.

Each of the three stages of meal making requires its own equipment, which will be grouped where it's needed. For instance, your spice assortment close by or over the stove, your vegetable brushes at the sink. You will be glad to have counters in all areas, a place to put your packages down by the door while you take off your hat, a place to put the eggs and bacon while you fish the toast out of the toaster.

Much equipment goes in cabinets and drawers under and over the counters. Plan their placement with a woman's height and arm-reach in mind. See, too, that you allow



An efficient plan having three adjoining walls; refrigerator (1) and cabinets for staples are near the back door. On the next wall are sink and counters (2) for cleaning and preparing the food for cooking. The third working wall takes the range (3) and serving space.



A kitchen plan for a space where there are only two adjoining walls free for equipment. The sequence of operations is still the same: Store, Prepare, Cook, Serve, Clean Up, Put Away. Breakfast table may be installed on one of the two remaining walls.

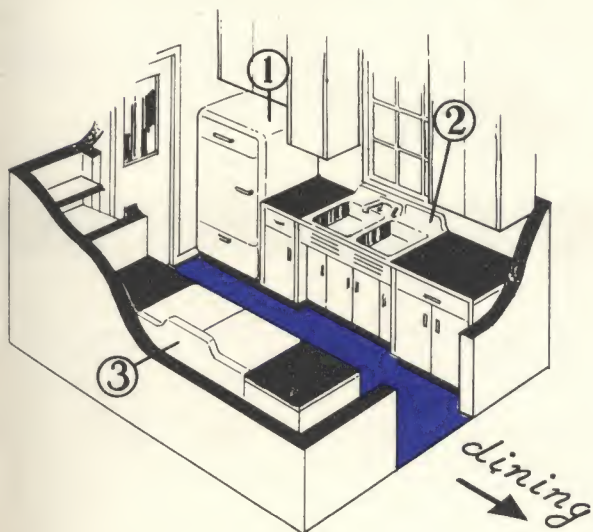


plenty of clearance for working comfortably between counter top and cabinet bottom.

Have permanent, long wearing counter tops installed at the time you build your kitchen, with one where cutting with a sharp knife will not leave irreparable scratches. A big window not only lets in plenty of light, but also makes the kitchen cheerful. Here you may grow herbs, as well. Many a family is finding that the cost of a picture window is well justified in the kitchen. Lighting and electrical outlets must be planned thoughtfully to insure efficiency. Plan, too, for ventilating devices that will not only keep the kitchen cooler but will keep odors from straying through the house.

There are three typical successful kitchen plans shown here. Each is step saving, logical in arrangement. No one is better than the others. Choose according to the space you have and your own preference, deciding by imagining yourself getting a meal in any one of the three and so discovering which works best for you.

Before final plans of the kitchen can be made you will have to make your selections of equipment to be sure that they will all fit together along the walls. The manufacturers catalogs deserve your careful study for sizes, styles, and ideas or suggestions for efficient arrangement before you make up your mind.



This kitchen has work areas on the facing walls, but as always, the three main steps of meal getting progress from back door to dining room door. This plan is compact and convenient, but does not allow for a breakfast table or other furniture, such as a work desk.

## ✓ CHECK LIST

Mark ? for further consideration. Mark ✓ if O.K. for plans.

KITCHEN ON THE NORTH ☐ SOUTH ☐  
EAST ☐ WEST ☐ side of the house

DOORS INTO IT FROM the service entrance ☐ garage ☐  
back stairs ☐ basement ☐ dining room ☐  
hall ☐ living room ☐ maid's room ☐  
pantry ☐ laundry ☐

WINDOWS: casement ☐ double hung ☐ fixed ☐  
sliding ☐ glass block ☐

ELECTRICAL LIGHTING OUTLETS FOR:

ceiling fixture ☐ lights under wall cabinets ☐  
over sink ☐ over range ☐  
other work centers.....

..... automatic cupboard lights ☐

ELECTRICAL OUTLETS FOR range ☐ refrigerator ☐  
freezer ☐ toaster ☐ mixers and extractors ☐  
coffee maker ☐ waffle iron ☐ plate warmer ☐  
washing machine ☐ mangle or ironer ☐ iron ☐  
telephone ☐ clock ☐ radio ☐  
entrance call signals ☐ pilot switch to basement ☐  
other equipment.....

KITCHEN UNITS WILL INCLUDE:

sink: double ☐ single ☐  
combined sink and laundry tray ☐ cupboards ☐  
cabinets ☐ drop table ☐ ironing board ☐  
cleaning equipment closet ☐ storage ☐

MECHANICAL AND ELECTRICAL EQUIPMENT

dishwasher ☐ garbage disposer ☐  
range: electric ☐ gas ☐ coal ☐ oil ☐  
water heater: electric ☐ gas ☐ coal ☐ oil ☐  
ventilators ☐ refrigerator: gas ☐ electric ☐  
food freezer ☐ incinerator ☐



# The laundry...

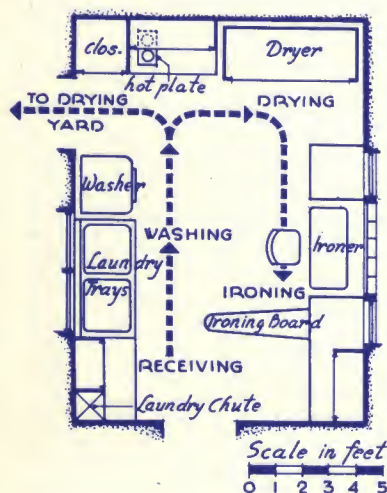
The amount of laundry equipment you can fit into a kitchen may prove inadequate and the collisions between washing and cooking on laundry day would be inconvenient. Also the resale value of your house probably will be greater if you have a separate laundry. So include it in your plans from the first if you can. It can also be the sewing room where clothes are mended before they're ironed.

Today's best laundries have four main pieces of equipment: The washing machine, the clothes dryer, the ironer or mangle and the ironing board. Add to these a hamper into which the soiled linen chute empties, a sorting table or counter, cabinets for supplies, a hot plate for boiling linens and making starch, and you can see that you'll need plenty of room, neatly planned.

Where laundry planning calls for clearest thinking is in its wiring. In the first place, it must obviously be flooded with revealing but not glaring light. What is more, localized lights should make it possible to examine clothes with an eagle eye at all stages. It is almost axiomatic that the laundry walls be light in tone to reflect light well.

Equipment should be arranged in sequence, as kitchen equipment is. First hamper, work table for sorting (and possibly bins for temporary storage), also supply cabinets. Next, laundry trays and washing machine. The dryer and ironer may be on either the adjoining or the opposite wall. Leave room nearby for a clothes basket for the finished products.

The layout plan and perspective indicate proper spacing of equipment to give you enough elbow room. Don't crowd more equipment into an equal space. The plan drawing shows arrows to indicate travel. By this arrangement you may dry clothes indoors with a gas or electric unit, or outdoors, weather permitting.



Where a separate room is provided, the laundry at left would be ideal. The dotted line indicates the course of travel while doing the laundry work.

The combined kitchen-laundry-sewing room at right shows a possible multi-purpose arrangement. The laundry end could be closed off with a gate and used as a play area.



## CHECK LIST

THE LAUNDRY WILL BE LOCATED ON the first floor ☐ basement ☐

It will serve a dual purpose as sewing room ☐ children's play room ☐ game room ☐

WINDOWS: casement ☐ double hung ☐ fixed ☐ sliding ☐ glass block ☐

LIGHTING: ceiling fixture ☐ strip lighting ☐ wall brackets ☐

ELECTRICAL OUTLETS FOR: electric clock ☐ floor and table lamps ☐ hot plate ☐ iron ☐ ironer ☐ dryer ☐  
food freezer ☐ ventilator ☐

EQUIPMENT WILL INCLUDE: sink ☐ laundry tubs ☐ ironer ☐ washing machine ☐ dryer ☐ gas ☐ electric ☐  
hot plate ☐ gas ☐ electric ☐ ventilator ☐

BUILT-IN UNITS WILL INCLUDE: cabinets ☐ supply shelves ☐ drying racks ☐ clothes chute ☐

hamper for storing and sorting clothes ☐ ironing board ☐ work tops for sorting and sprinkling ☐



# Closets . . .

Closet strategy has become as scientifically perfect as kitchen strategy, and wonderful equipment is available to heighten its effectiveness: racks, bars, sliding trays, etc. Still the gear of any one family is complicated and bulky, so do a lot of figuring before you write O. K. on your closet plans.

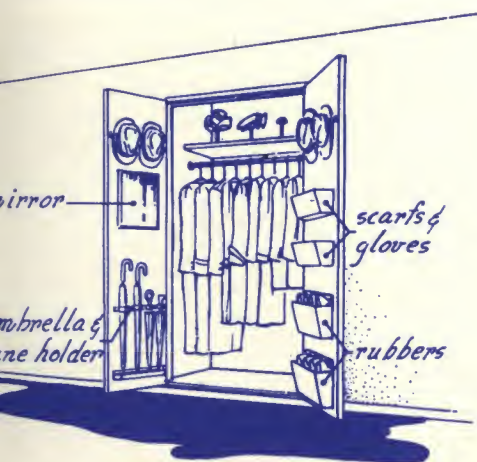
The standard depth for a closet is 2 feet. Three feet of width is a minimum allowance for one person's clothes. It is scanty, when you take into account summer moth bags, winter furs and the undesirability of sandwiching well-pressed woollens in too close. In any case, add 25 per cent to any space allowance you think right, as a margin of safety. You'll be glad for it.

To get the most from every inch of storage space, have your closet doors the full width of the closet. If they slide,

they won't eat up space in your rooms. Light the interior so that floor and shelves and hanging sections are bright. Paint or paper in a light color. Be sure walls are well finished, floors meticulously laid. Moths thrive in cracks. Full-length mirrors may be installed to advantage on the inside of hinged closet doors, since being able to move a mirror gives greatest visibility.

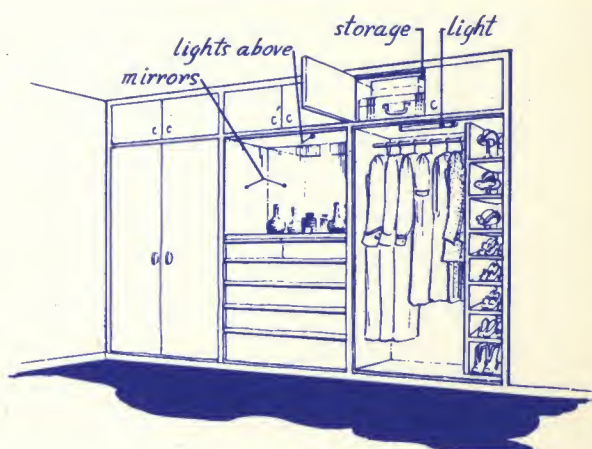
Pull-out bins or trays add immeasurably to the ease of keeping the linen closet orderly. They are grand, too, for storing off-season hats, sport shoes and the like. Install clothes rods for children's closets low enough so the young can reach them. A well-arranged closet may develop orderly habits in a child. Anyway it's worth trying.

It is not enough to merely supply closet space, the space must be planned to take each and every item you can think of, must be divided and supplied with the necessary rods, shelves, bins, drawers, holders and compartments, etc., fitted to use all the space to its maximum—literally a place for everything, predetermined.



This hall closet uses numerous fixtures to get the maximum storage capacity. Such fixtures always help to keep the closet neat and orderly.

This closet has been shown with one set of doors removed in order to illustrate how the space has been divided. Sliding or hinged doors may be used.



## CHECK LIST

(See also check lists of other rooms)

SPECIAL STORAGE (where possible, give amount of space required):

Screens and storm sash and doors stored where?.....  
Awnings stored in.....  
Trunks and cases: number.....stored in.....  
Sewing machine stored in.....  
Outdoor drying equipment stored in.....  
Porch and terrace furniture stored in.....  
Sleds, toboggans, canoes stored in.....  
Bicycles, velocipedes, scooters stored in.....  
Baby carriage, perambulator, etc. stored in.....  
Garden tools stored in.....

Surplus goods (unused furniture, books, etc.) stored in.....

Special goods (guns, tents, sails, etc.) stored in.....

Game equipment: card tables stored in.....

folding chairs stored in.....

other bulky units stored in.....

Toy closets (list large toys requiring special storage space, and where stored).....

Beverages stored in.....

Food freezer and storage in.....



# Bedrooms . . .

There's an oft' forgotten element to take into account when you get to figuring out your bedrooms—the element of noise. Are trucks going to pound down your street in the witching hour? Are growing youngsters going to joggle in jive in the living room while you toss upstairs? Then study the room placing, arrangement and materials.

The master bedroom should be as quiet as may be and yet, paradoxically, should command quick entry to the nursery. If your family is growing, your children entertaining friends, you may be glad if you allow enough space so your room can be a bed-sitting room on occasion. This means a good-sized room. Beds are big. Add to their own length and width, space so you can get to both sides of them when you make them up. It saves a deal of trouble. Allow for bedside tables or units big enough for individual lamps, clocks, books and general impedimenta.

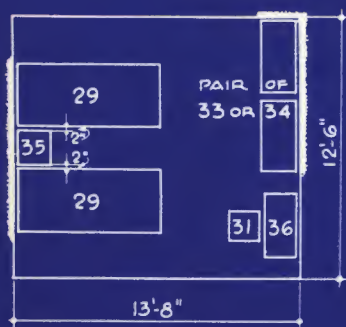
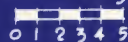
Leave nothing to chance when you plan bedroom wall space. Know to the inch the width of the beds you mean to use and leave ample wall space for them. Don't have windows so close as to keep you in icy drafts all winter long, or windows at the foot which will bathe you in the full blaze of the rising sun. On the other hand, do try to contrive cross ventilation for steaming nights, and general brightness for days you spend in bed getting over grippe.

Traffic lanes should be calculated as accurately in the bedroom as in the dining room. You will want free, unblocked access to your closet. If your dressing table cannot be incorporated in your bathroom, it belongs near your closet.

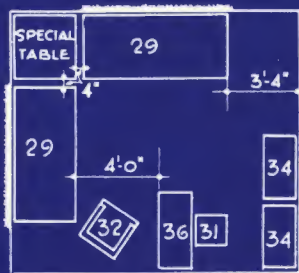
Increasingly parents are planning children's rooms which grow with the children. From a nursery the room becomes a study, then living room of one's own. It is wonderful for your children to be able to have overnight guests, and where room is at a premium, this is feasible with double-decker beds.

In using the check list with your sketch plans, identify each bedroom first by a letter. Then study each room. Finish checking each room before going on to the next.

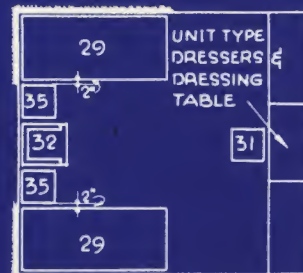
Scale of drawings in feet



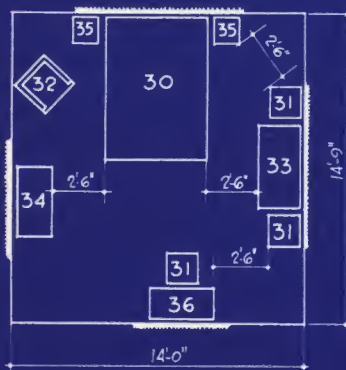
This bedroom has furniture on two walls leaving the other walls free for closets and doors or windows.



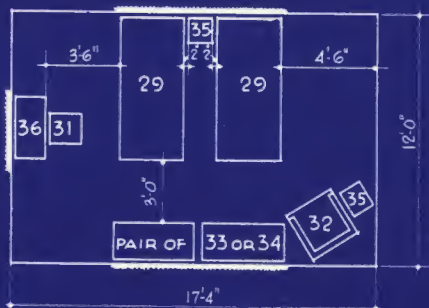
An informal arrangement like this would be suitable for a children's room or study-bedroom.



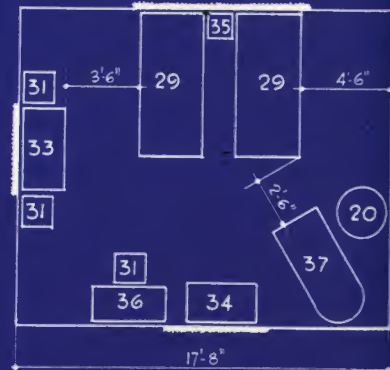
The dressers and dressing table may be beneath windows. Entrance and closet doors opposite each other.



A very nearly square room often permits greater freedom of movement and more convenient arrangement.



With the chair at left of unit cabinets the entire right end of the room could be lined with wardrobe closets.



This bedroom is large enough to permit additional pieces of furniture, including a chair longue. Numbers refer to furniture chart.







# Plumbing and sanitation . . .

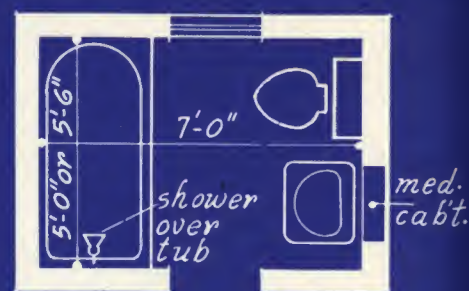
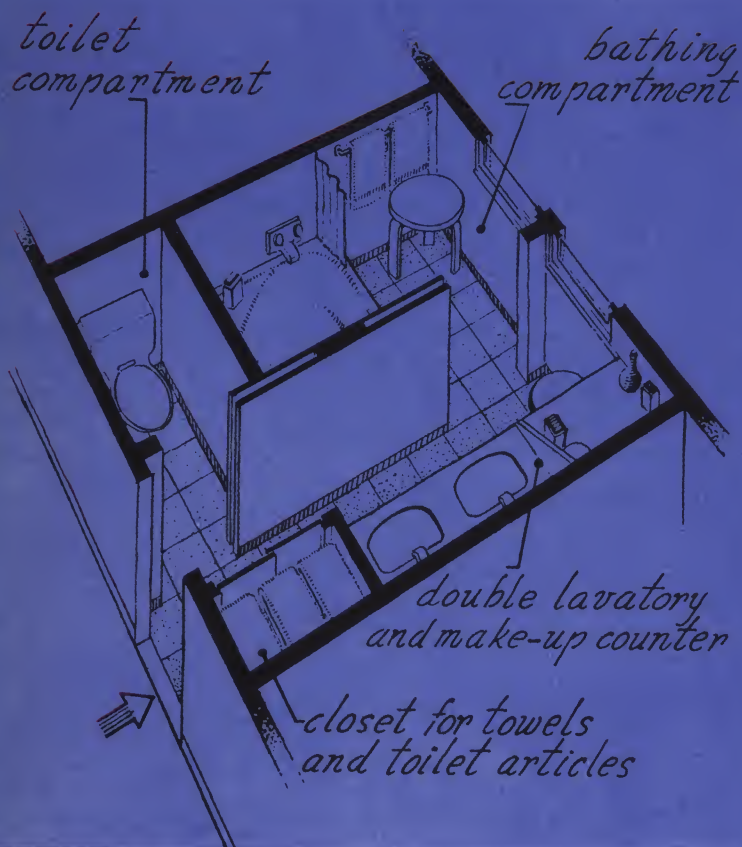
Even for a small family, two bathrooms are mighty convenient and more are better. By placing baths side by side, or directly under one another, they can be made to cost less than if they are far flung, since this way the same piping will supply and drain both sets of fixtures. You can even, by thrifty figuring, get two bathrooms out of one, as the sketch below shows. Only cost is for a partition and one extra fixture, whereas the usefulness of the area is almost doubled.

A big bathroom is a delight, but actually a small one can

be nearly as serviceable. Don't let it get smaller than 7 feet by 5½, and 10 by 5½ is much more comfortable. One justification for enlarging your own bathroom is so that you can install cupboards, shelves and dressing table, reducing crowding in bedroom and closets.

Be sure your bathrom is as nearly waterproof as possible. Even if you don't let the tub splash over, condensation will dampen walls and floor. Special wall and floor surfaces, manufactured for the purpose, are not only efficient, but many of them are truly beautiful. Any upped original cost for installing them will be amortized by the repairs they will save you.

If economy has to be practiced, be sure that it does not affect the selection of your pipes. Here the very best is the only possible quality to select. Local water conditions govern the selection of the kind of pipe that will last longest where you are going to build. A plumber is a very



Where a tub is to be used, this bathroom is the absolute minimum. Note that none of the fixtures has been located under the window.



If a shower is to be used, the minimum width may be four feet six inches. Any bathroom smaller than this will be inadequate.



expensive guest. A water conditioner where water needs treatment, will help to preserve your pipes, to say nothing of your skin and your disposition.

Bathroom planning is mechanically simple, since fixtures are generally standard sizes. Look out for windows over bath tubs, drafty for the bather and hard to open and close. Provide more medicine cabinet space than you think you'll ever need and you'll be the envy of your friends. Additional shallow shelves over the tub are good for soap, bath cosmetics, brushes and such. A woman will be glad of a drying rack for stockings and undies.

Many men like showers. The tub-shower combination is always useful. If possible fit in both a separate shower stall and a tub. In the country or suburban house, a downstairs shower stall is grand, gardeners, golfers and small fry will use it avidly and wear and tear on the house will be reduced all along the line. If you must pump your own

water, pick a shower head which throws a good but concentrated spray as this kind uses water remarkably sparingly, but supplies a fine bath.

You can go as far as you like, or can afford, in making your bathroom a complete and up-to-date contributor to health, beauty and a sense of well being. There are numerous worthwhile accessories. Bathroom scales will help keep track of your avoirdupois and the children's growth. An electric radiant heater will be welcome in brisk fall days before general heating is on. A dental lavatory will save congestion and fuss. You can build in or provide space for a sun lamp too.

Don't forget you will need an adequate water supply outside the house as well as in, so locate "hose-bibs" (at least two) for your garden hose and select water pipes of a proper size. And a faucet in the garage, and a floor drain there too for car washing in winter.

**V CHECK LIST**

Mark ? for further consideration.  
Mark ✓ if O.K. for plans.

DESIGNATE ON PLAN

TO BE USED BY	A	
	B	
	C	
	D	
	E	
	F	

ENTRANCE FROM:	A	B	C	D	E	F
Bedroom						
Dressing room						
Hall						
Two bedrooms						

BUILT IN:	A	B	C	D	E	F
Clothes chute						
Clothes hamper						
Drying rack						
Linen closet						
Medicine cabinet						
Towel closet						

FIXTURES:	A	B	C	D	E	F
Bathroom scales						
Bathtub						
Cabinet						
Dental lavatory						

FIXTURES: (continued)

Lavatory: Corner	A	B	C	D	E	F
Pedestal						
Wall						
Mirrors						
Separate shower						
Shower over tub						
Water closet in bathroom						
In separate compartment						

LIGHTING:

Ceiling	A	B	C	D	E	F
Medicine cabinet						
Strip lighting						
Shower stall light						
Wall brackets						

ELECTRICAL OUTLETS:

Glow heater	A	B	C	D	E	F
Hair dryer						
Razor						
Sun lamp						
Ventilator						
Vibrator						

WINDOWS:

Casement	A	B	C	D	E	F
Double hung						
Glass block						
Sliding						

# Heating and air-conditioning . . .

Your heating system should give you the heat you want, efficiently, dependably, economically, and as automatically as possible. It ought to be up to the worst winter weather. Aid and abet it by insulating your house well, and by getting as much supplemental warmth as you can from the sun through double-glazed windows.

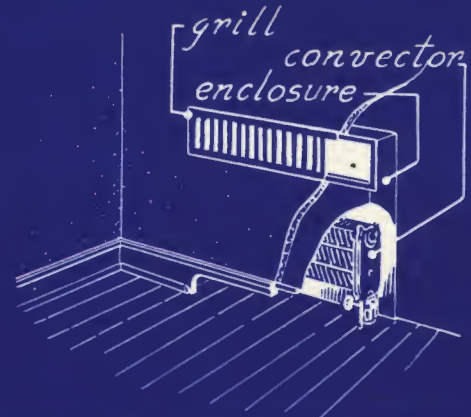
The three best-known ways of heating your house are by hot water, steam or warm air. No one is best for every home, but one may be the best for your locality and your type of house. Each one of the three systems mentioned can be either a gravity or forced circulation system. The

latter steps up the efficiency of heating systems. Circulation is forced, where hot water is the heating medium, by a circulating water pump; for warm air it is a fan arrangement, and with steam, vacuum valves do the trick. One of the main reasons why forced circulation is desirable is because it gives results so quickly when automatic controls switch on the heat. Besides this the units in your room, like radiators, convectors and ducts, can be smaller with a forced circulation system. Result, more clear wall space for furniture and a better looking room all around. The drawing below show various ways of heating your rooms.

Heating systems have been improved beyond belief in recent years and one of the greatest steps forward is in the manufacture of heating controls. The most ingenious of these are automatic, will supply you with the temperature you need for as long as you like, will switch on or off at the hour and temperature you select. What this means on



Radiators are one of the commonest means of transferring heat from the boiler to the air of the room. Water or steam flows through the radiator and heat is given off by convection and radiation in the room. It is always well therefore to leave enough space around the radiator to permit air to circulate freely. A heat reflecting surface behind the radiator adds to its efficiency.



Convectors, usually thinner than radiators, may be installed in the wall, leaving only an opening at the top and bottom for the circulation of air.



The grill opening shown above might be the room supply or exhaust for a warm-air system or an air-conditioning system. Grills can also be located in the floor.



a snowy morning, only an old-time commuter can realize.

Hand in hand with heating goes its obverse, air conditioning. But with a simple forced air heating system, you may be able to achieve partial cooling, for this equipment is capable of circulating cooler basement or night air through your rooms. Individual room air conditioners serve special purposes, such as making one or two rooms comfortable. An attic fan properly installed is a good cooler too. Complete year round air conditioning does more,—technically it takes moisture out of the air, as well as cooling it in summer, puts moisture in and warms it in winter, filters the air the year round. Whatever system you use to achieve heating and cooling, it will work the better for a sound insulation job throughout your house.

Study the literature of the manufacturers in this catalog to get an insight into modern equipment and how it works. Find out about the availability of fuel and service in your

neighborhood. Then go ahead with the best quality units which you can afford, and insure their efficiency by providing insulation, weather stripping and double window glazing.

Heating and air conditioning are highly technical subjects and the layout of the system should be left in the hands of a reliable expert who is familiar with all the engineering data, one who has had experience in the field and can properly design the kind of system best suited to your particular plan and type of house. Tell him what you want, he'll do the rest.



## ✓ CHECK LIST

THE HEATING PLANT will be located in the  
 basement ☐ on the ground floor ☐

IT WILL BE hot water ☐ steam ☐  
 jet warm air ☐ vapor ☐ warm air ☐

panel heating ☐ gravity ☐ forced circulation ☐

FUEL: coal ☐ anthracite ☐ bituminous ☐  
 gas ☐ oil ☐ electricity ☐

IF SOLID FUEL  
 provide automatic firing equipment ☐

PROVISION FOR  
 automatic control equipment ☐

ELECTRICAL OUTLETS for all equipment ☐

COMPLETE AIR CONDITIONING is desired ☐  
 it will operate on gas ☐  
 electricity ☐ oil ☐  
 air filtering ☐ cooling ☐  
 humidifier ☐ dehumidifier ☐

FUEL STORAGE: coal ☐ gas ☐ oil ☐ wood ☐

AN ATTIC FAN will be installed ☐

UNIT COOLERS for.....rooms in summer

SPECIAL NOTES.....



# Electricity and lighting . . .

The number and placement of electrical outlets is of the greatest importance. You will want a number of lamps and you will not want to live in a tangle of long electrical cords. Better to have too many convenience outlets than too few, you may want to change your furniture arrangements someday. If you are in doubt as to how you will arrange your furniture, put enough outlets on *all* walls so you can make shifts without sliding out of range of outlets, sources of light.

Lighting itself has become an exact science in recent years, the emphasis not on increasing light intensity willy-nilly, but on achieving just the right amount and kind for each and every task or purpose. The elimination of trying glare has been studied as intensively as the amount of light sufficient to make the finest work no strain on your eyes.

Causes of eye strain (which in turn leads to fatigue and all sorts of physical disorders) seem to be: insufficient light, glare, unduly sharp brightness contrasts. A spottily lighted room may be exciting to look at, but definitely dangerous for the eyes. Bright, individual lights should be no more than ten times as bright as the general, over-all room light. In other words, don't settle down under one reading lamp, at night, with the rest of the room in darkness. Supplement your local lighting with general illumination.

Used in combination or separately, there are three kinds of lighting to be considered:

*Direct.* This is concentrated illumination for reading, writing or delicate, exacting work, directed where you want it, usually from your shaded lamps. See that it supplies ample intensity for the job in hand without glare.

*Indirect,* as the name implies, involves light thrown onto a large area, generally the ceiling, and reflected back from

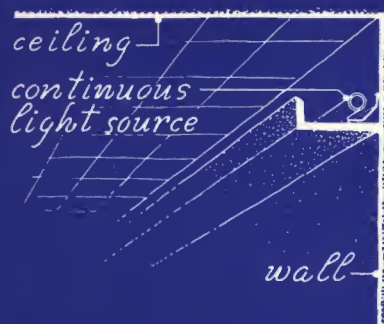
it, to spread diffused light throughout. It is provided by special fixtures, coves or reflectors.

*Semi-Indirect.* Light is directed both upward and down, so that some is direct, some reflected.

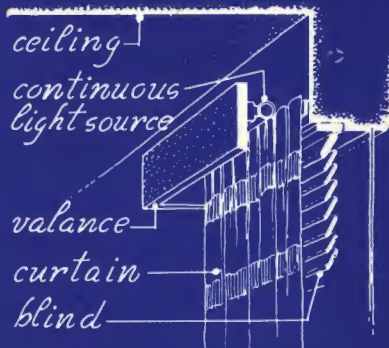
In addition to any scientific knowledge which you can bring to bear in planning the lighting of your home, the main tool which you have is good common sense. It will tell you to see that stairs are well lighted, that hall lights are controlled by switches both upstairs and down, that you get soft general lighting in your dining room, that good direct lights are close to the chair where you will read or sew, that local lights illumine each kitchen task, and so on. And don't forget lights outside, either.

And while you are thinking of where each lighting fixture or outlet should be in relation to each activity and piece of furniture in each room, be sure the wiring is adequate, yes generous, for both lighting and appliances and for power. Now is the time to provide at least cost the wiring outlets for all the labor-saving and convenience items that you will need and want—washer, ironer, radios, television, refrigerator, freezing unit, range, fans, motors, room heaters, and power for your oil burner or stoker and all the rest. This means plenty of outlets, properly arranged circuits and wire sizes large enough to carry the present and future loads.

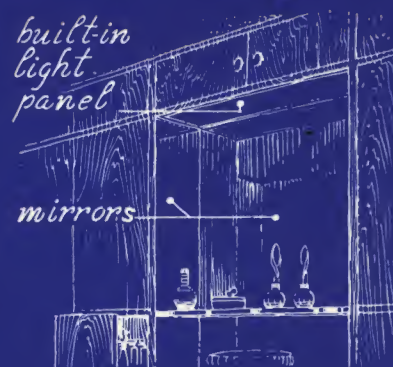
Switches should be located so you can reach them naturally as you enter or leave a room or space, lighting your way before you. A pilot light at the cellar switch will show you whether the light is on or off down there. And have one for the attic too. Be sure your circuit-breaker or fuse-box is in a handy location for you will want to be able to get at it in the dark if something goes wrong.



1. Continuous uniform lighting for any room may be secured by using fluorescent incandescent or cold cathode tubular lamps hidden in a cove or molding.



2. Tubular lights behind a valance may be used to accent windows or objects. It is also an interesting way of providing general illumination.



3. Built-in light panels around mirrors are always helpful. Such a unit as shown above might be installed in a bed room between two closets—over a vanity.



# Lawn and landscaping . . .

Like every other facility that goes to make up your new home, the lawn surrounding it should be planned now for its full enjoyment when it becomes a reality.

Without a lawn even the best landscaping is meaningless. Actually, the grass is an integral part of the landscaping, without which your home will look as naked as an unfurnished room.

Perhaps the best way to lay plans for a dream lawn is to list certain considerations. This list, while not conclusive, will start you on the right track to a fine lawn with a minimum of lost motion and costly mistakes:

1. Survey property to determine the amount of natural slope and to locate existing drainage facilities.
2. Begin early to reserve topsoil of suitable quantity and quality.
3. Save all topsoil before building excavation starts.
4. Plan the preparation so that the actual seeding can be accomplished during the late summer or early fall season.
5. Sow a quality seed mixture that has done well on other successful lawns in your locality and a mixture that is adapted to the area as far as direct sunshine or shade are concerned.
6. Don't plant a new lawn on subsoil.
7. Don't plant lawn seed without fertilizing the seed bed

It is a truly rare occasion when a good lawn "happens" to result from a hasty, improperly executed and poorly timed planting. The outstanding lawns the country over are planned from the beginning. It makes little difference whether the lawn consists of acres of restful vistas or an outdoor carpet serving double for a croquet court in front of the barbecue furnace, planning its start will pay off well through many years of good, attractive service.

From the moment you start considering your plans for a new home, you should be developing your landscaping ideas, too. Before you start construction of your home, there are many landscaping factors that should be considered in light of your lot and its characteristics, neighboring lots, sun and shade patterns, maintenance and family activities.

Actually, there are three steps to be taken when it comes to landscaping. First, make your plans reflect the best possible use of the land as far as practicality and beauty are concerned. Second, put your plan to work and shape the land by retaining natural advantages and constructing necessary walls, pathways and driveways. Finally, select the plants that will make your landscaping plans come to life.

There are four general areas to think about—street, utility, garden and family areas.

The approach to your house—the so-called street area—is the area the public sees first. When deciding upon plantings for this area, consider their attractiveness and the visibility they permit.

You'll want plenty of outdoor living space if you're like most modern home-planners! This is the private area which could very well include a porch or terrace and a play-yard. Plus plenty of space for outdoor living and sun-bathing!

A garden area is a must for garden enthusiasts. No matter whether it's a flower or vegetable garden for you, chances are your garden will be a sun-worshiper—place your garden accordingly. And place your garden where the most people will enjoy it most of the time.

Your service area should be close to the driveway and walks. Among the items you will want to consider for this part of your land are clothes drying and waste collecting facilities.

There are so many trees, bushes, vines and perennials from which to choose! Better make certain you round up all the professional advice you can before you start planting.

Briefly stated, there are certain fundamentals to follow in making a selection of plants:

- (a) Consider the outline of the plant—its size and shape and how fast it grows.
- (b) Consider the sun and the shade in the selected location.
- (c) Consider the plant's color and its flowers and fruit.
- (d) Consider the hardiness and permanence of the plant.
- (e) And consider the soil and moisture requirements.





# Product selector . . .

The list on this and the following pages will enable you to make a permanent record of your selections of all the various items you will want in your house, designated by the specific producer's name and brand. In the column headed "kind or material" write in the type, or material of which any item is made. The trade name goes next, and the manufacturer's or firm's name in the last column, using the information you have found in your thorough study of the manufacturers' catalogs section of this volume. Make plenty of notes as you go through.

In the first section of this material and equipment list the rooms have been taken up individually room by room. Several blank lines have been left under each major item; i.e., walls, ceilings, floors, etc. The "reminder" (below) is arranged alphabetically, suggests types, kinds, materials and finishes which may be written in these blanks. You fill in the brand name and manufacturer's name. The example below shows how the first line of the check list might have been written.

	KIND OR MATERIAL	BRAND	MANUFACTURER OR FIRM
<b>LIVING ROOM</b>			
WALLS AND CEILINGS	Metallath	Plant-key	Lathomaster, Inc.
	Paint	Stay-flo	Caulbrink Paint Co.
	Linoleum	Slidlook	Keniflor and Hux, Inc.
FLOOR	Carpet	Petalpaddy	Warp & Woof

(Go over this list when considering each room as it will suggest materials, types, etc.)

**WALLS:**  
Fabric  
Glass  
Linoleum  
Metal  
Paint  
Plaster  
Plaster base  
Plywood  
Tile  
Wallboard  
Wallpaper  
Wood paneling

Cork  
Linoleum  
Paint, Varnish, etc.  
Rubber  
Rug anchors and pads  
Rugs  
Stone  
Tile  
Wood

**WINDOWS:**  
Casement  
Curtain hardware  
Drapery hardware  
Double glazed  
Double hung

Fixed  
Glass block  
Rolling screens  
Screens  
Sliding  
Storm sash  
Venetian blinds  
Weather stripping  
Window shades

**LIGHTING FIXTURES:**  
Ceiling  
Cove or recessed  
Fluorescent  
Strip  
Spot light  
Ultra-violet  
Wall bracket

**HARDWARE:**  
Cabinet  
Door  
Window  
Other

**BUILT-IN UNITS:**  
Bookcases  
Cabinets  
Closet equipment  
Cupboards  
Damper  
Dresser  
Fireplace mantel  
Fireplace circulating unit  
Heat controls  
Radiator covers

Unit heaters  
Unit cooler  
Vanity  
Ventilator  
Window seats

**DOORS:**  
Dutch  
Flush  
French  
Panelled

**COMMUNICATION:**  
Alarm systems  
Call bells  
Chimes  
Intercommunicating  
Radio  
Telephone  
Television

## LIVING ROOM

	Kind or Material	Brand	Manufacturer or Firm
Walls and Ceilings			
Floor			
Doors			
Windows			
Hardware			
Lighting Fixtures			
Built-in Units			
Communication			
Furniture			
<b>DINING ROOM</b>			
Walls and Ceilings			



# Home Owners' product selector

## DINING ROOM (Cont'd)

	<i>Kind or Material</i>	<i>Brand</i>	<i>Manufacturer or Firm</i>
Floor			
Doors			
Windows			
Hardware			
Lighting Fixtures			
Built-in Units			
Communication			
Furniture			

## KITCHEN

Walls and Ceilings			
Floor			
Doors			
Windows			
Hardware			
Lighting Fixtures			
Built-in Units—Accessories and Equipment			
Cabinets			
Counter Tops			
Dishwasher			
Drainboards			
Food Freezer			
Garbage Disposer			
Incinerator			
Range			
Refrigerator			
Sinks			
Ventilator			
Other Appliances			
Communication			

## LAUNDRY

Walls and Ceilings			
Floor			
Doors			
Windows			
Hardware			
Lighting Fixtures			
Built-in Units—Accessories and Equipment			
Cabinets			
Dryer			
Hot Plate			
Ironer			
Mangle			
Sinks			
Tubs			
Ventilator			
Washing Machine			
Other Appliances			



# Home Owners' product selector

## BEDROOMS (Name) \_\_\_\_\_

(Repeat on separate sheet for each bedroom if necessary)

	Kind or Material	Brand	Manufacturer or Firm
Walls and Ceilings			
Floor			
Doors			
Windows			
Hardware			
Lighting Fixtures			
Built-in Units			
Communication			
Furniture			

## BATHROOM (Repeat on separate sheet for each bath or lavatory if necessary)

Walls and Ceilings			
Floor			
Doors			
Windows			
Hardware			
Lighting Fixtures			

### Built-in Units—Accessories and Equipment

Brush and glass holder			
Dental Lavatory			
Hair Dryer			
Hamper			
Lavatories			
Medicine Cabinets			
Mirrors			
Shower Cabinet			
Shower Controls			
Soap Dish			
Toilet Paper Fixture			
Towel Racks			
Tub Hanger			
Tub			
Unit Heater			
Ventilator			
Water Closet			

Note: Make similar lists for each room including game room, basement, study, sun room, garage, dark room, hobby room, utility room, etc.

## MECHANICAL EQUIPMENT

### Heating and Air Conditioning

Air Conditioning			
Air Filters			
Attic Fan			
Automatic Controls			
Boiler			
Circulating System			
Convectors			
Cooling Equipment			
Dehumidifier			
Fireplace Heater			
Furnace			
Gas Burner			
Hot Water Heater			
Humidifier			
Oil Burner			



## MECHANICAL EQUIPMENT—Heating and Air Conditioning (Cont'd)

	Kind or Material	Brand	Manufacturer or Firm
Radiators			
Radiator Enclosures			
Space Heater			
Stoker			
Valves			
Ventilating Fans			
Warm Air Grills and Registers			
Electricity and Lighting			
Alarm Systems			
Circuit Breakers			
Door Chimes			
Floodlighting			
Fuse Boxes			
Lightning Rods			
Radio and Television			
Wiring System			
Plumbing and Sanitation			
Cold Water Pipe			
Copper Tubing			
Floor Drains			
Grease Traps			
Hot Water Pipe			
Hot Water Tank			
Lawn Sprinkling System			
Mixing Valves			
Pumps			
Septic System			
Soil Pipe			
Sump Pump			
Traps			
Valves			
Vent Pipe			
Water Conditioners			
Water Supply System			
STRUCTURAL AND OTHER ITEMS			
Acoustic Treatment			
awnings			
rick			
rick Veneer			
uilding Paper			
ement			
loset Fixtures			
oncrete Block			
urtain and Drapery Hardware			
oors			
Cellar Bulkhead			
Exterior			
umbwaiter			
ence			
nancing			
replace Equipment			
Circulating Unit			
Dampers			
Log Hoist			
Mantel			
ashing			
orage Doors			
Automatic Control			
Hardware			

# Home Owners' product selector

## STRUCTURAL AND OTHER ITEMS (Cont'd)

	Kind or Material	Brand	Manufacturer or Firm
Garbage Receiver			
Glass			
Double Glazing			
Glass Blocks			
Mirrors			
Plate			
Structural			
Window			
Greenhouse			
Gutters and Leaders			
Hardware			
Incinerator			
Insulation			
Ceiling			
Floor			
Pipe and Duct			
Roof			
Wall			
Insurance			
Casualty			
Fire			
Life			
Landscaping			
Fertilizer			
Lawn Seed			
Nursery			
Tree Surgery			
Lift			
Lumber			
Mill and Cabinet Work			
Mortgages			
Ornamental Iron Work			
Paint Products			
Exterior			
Interior			
Special Uses			
Plaster			
Plaster Base			
Plywood			
Roofing			
Screens			
Shingles			
Sound Insulation			
Stairs			
Attic			
Stone			
Structural Steel			
Stucco			
Venetian Blinds			
Wallboard			
Wallpaper			
Walls			
Exterior			
Structural			
Waterproofing			
Weatherstripping			
Windows			
Window Shades			
Workshop Equipment			

See "Room Check Lists" for additional products.  
Make similar lists for furniture, portable appliances and other items.



. . . . . The Most Beautifully Designed Kitchen in America Will Save You Hours of Work Every Day!



AMERICAN KITCHENS are designed to save you more time, more work, more steps than any other kitchen you can choose! And American Kitchens give you MORE work-saving advantages to cut your kitchen work in half — save you up to 1000 needless steps EVERY day!

*American*  
KITCHENS

*"SAVE 1000 STEPS A DAY"*



# Now You Can Get a Complete American Kitchen at a Sensational Money-Saving Price!



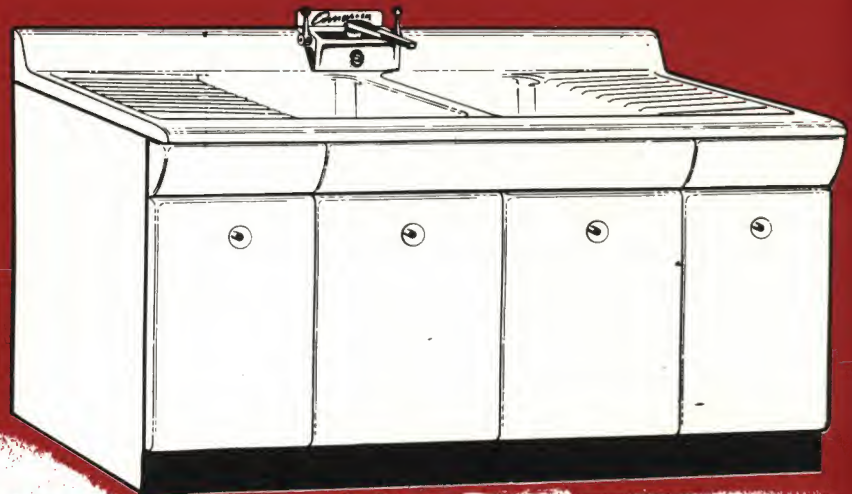
IMAGINE A  
COMPLETE KITCHEN AS  
EASY AS BUYING  
A REFRIGERATOR.

It's the "Mrs. America"—a brand new idea to give you a truly complete kitchen that's easy to get, easy to install, easy to pay for!

The "Mrs. America" includes a 54-inch deluxe sink with double drainboard, non-splash faucet aerator, push-button spray, 3 deep storage compartments, 2 roomy drawers — two 21-inch base cabinets — two 21-inch wall cabinets and two decorative what-not shelves.

## ... Or You Can Start Your American Kitchen with a Handsome Sink—Your Choice of 12 Models!

All American Kitchen units are designed to combine to fit perfectly any shape, any size kitchen. For example, there are 12 sink models to choose from — priced from as little at \$89.95.\* Sizes range from 42"-48"-54"-66", some with single drainboard, double drainboard or double bowl sink with sliding drainboard. All of the finest quality, with heavy porcelain enamel tops, baked enamel steel cabinets — all with the American Kitchen design of extra toe room, extra knee room for greatest working comfort.



*Remember -*

**YOU CAN GET YOUR AMERICAN KITCHEN  
ON EASY FHA TERMS!**

Your American Kitchen is a permanent part of your house — and as such is

eligible for easy FHA terms. Only 10% down — 3 full years to pay.\*

\* Prices subject to change without notice. FHA terms in effect at time this catalog was prepared.



## BASE CABINETS

New additions to the handsome American Kitchen — the new "Break Bar" and efficient "Handy Pantry" . . . all combine with multi-sized base cabinets to fit any size kitchen. All topped with lifetime vinyl in your choice of five colors — black, blue, green, red, tan. All with big storage space and roomy drawers.



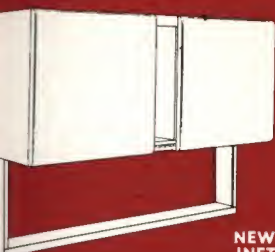
**BASE CABINETS**, one or two door in sizes from 15 inches through 36 inches wide.



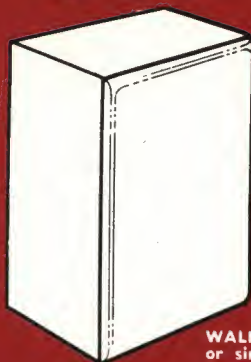
**HANDY PANTRY**, shelves revolve to give maximum but easy - to - reach storage space. Volume 7 cubic feet. Or corner utility bin fits into 27-in. corner unit.



**BREAK-BAR** — full 6 feet long, 21 inches wide, with handy shelf space beneath and attractive curved what-not. Needs no installing, just sets in place.



**NEW RANGE CABINET** with hanging shelf for cook-books, spices. Notice the division between the cabinets for tall cook-books. 40 inches wide.

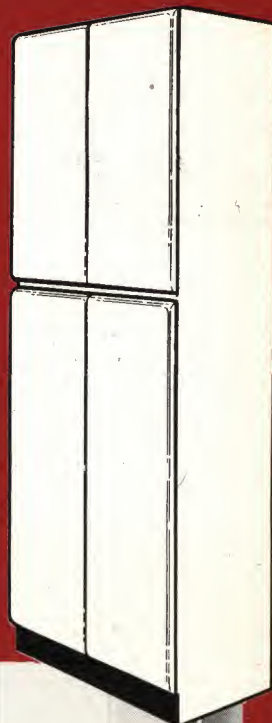


## WALL CABINETS

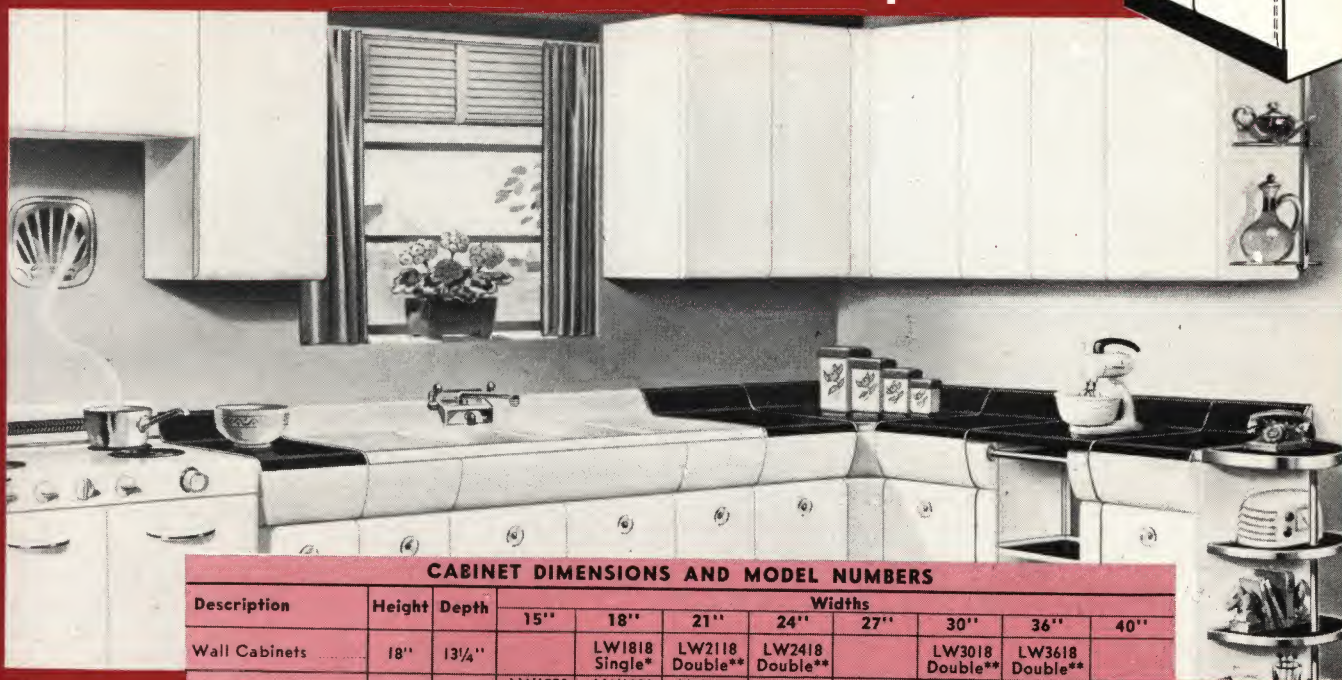
Add wall cabinets over base cabinets, icebox, range — designed to match base cabinet widths, combine to fit perfectly in your kitchen — Notice the smooth finish—concealed door pulls, no handles to collect dirt, easiest to keep clean.

**WALL CABINETS** in double or single door widths — 30 inches or 18 inches high, 15 inches through 36 inches wide.

**UTILITY CABINET** for storing linens, mops, etc. 84" high.



**Combined to Give You a Custom-Planned Kitchen to Save You Work, Time, Steps!**



**CABINET DIMENSIONS AND MODEL NUMBERS**

Description	Height	Depth	Widths							
			15"	18"	21"	24"	27"	30"	36"	40"
Wall Cabinets	18"	13 1/4"		LW1818 Single*	LW2118 Double**	LW2418 Double**		LW3018 Double**	LW3618 Double**	
Wall Cabinets	30"	13 1/4"	LW1530 Single*	LW1830 Single*	LW2130 Double**	LW2430 Double**	LW2730 Double**	LW3030 Double**	LW3630 Double**	
40" wide Over-range cabinet	30" (incl. shelf)	13 1/4"								LWP4018
84" high, 4 door Utility Cabinet	84"	13 1/4"			LU2184					
30" high, 2 door Corner Wall Cab.	30"	13 1/4"			LCW2730 — 27" along each wall from corner					
Base Cabinets	36"	25"	LB15 Single*	LB18 Single*	LB21 Double**	LB24 Double**	LB27 Double**	LB30 Double**	LB36 Double**	LB36 Double**
Handy Pantry	36"		LX-150 Can be installed under a standard 27" corner top							

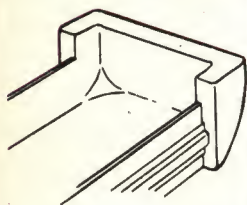
\* Single door

\*\* Double door

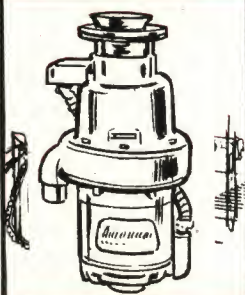
\*\*\* Double door, double drawer



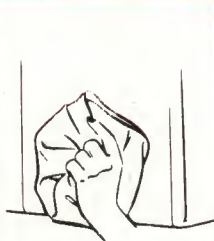
# No Other Kitchen Brings You All These Wonderful *American* Time-Savers, Step-Savers, Work-Savers KITCHENS



Drawers rounded inside ... no corners or cracks to catch dirt! As easy to clean as bowls are!



Revolutionary new-type garbage disposer ... liquefies all food wastes in a few seconds!



Concealed door pulls eliminate protruding handles—makes cleaning far faster, far easier!



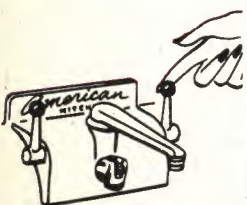
New, quiet, automatic ventilator instantly whisks cooking odors and greasy fumes outdoors!



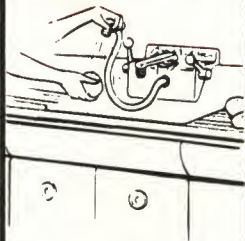
Contour cabinet front gives you extra knee room for comfortable, relaxed, natural stance.



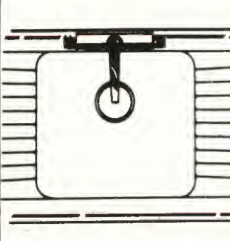
Smart new Serv-Cart—alternates as movable workcenter. Rolls under counter when not in use.



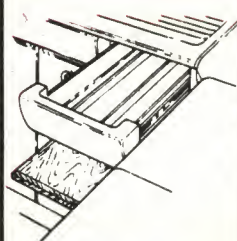
Non-splash, lever-type faucet—on or off with flick of finger, even with hands full! Swing spout.



Built-in, push-button spray. One-hand operation—turns on with slight pressure of thumb.



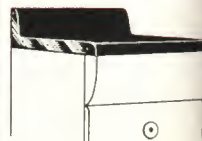
No dirt-catching back ledge on sinks—makes for easier cleaning, extra-large sink bowls.



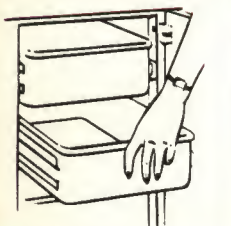
Divided cutlery drawer right at your elbow—with handy, removable cutting board below!



Concealed drawer pulls eliminate dirt-trap handles ... drawers open at touch of your finger!



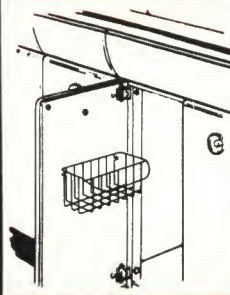
Rounded, 1-piece top and back splash—no more hard-to-clean cracks, corners, crevices!



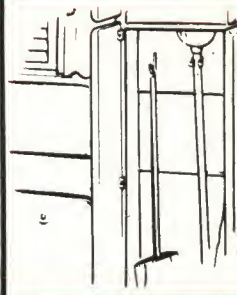
Concealed extra drawers in under-sink cabinet give extra drawer storage where needed most!



Wall and Base What-Not Shelves—handy storage for cookbooks, radio, appliances, etc.



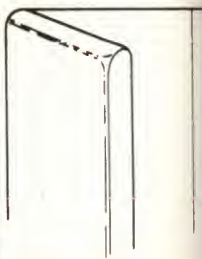
Hidden soap basket and towel rods keep dish-washing needs always within convenient reach!



Roomy utility cabinet for brooms, mops, aprons, etc., with two big linen shelves in upper section!



Concealed bread box, cup, condiment and extract racks make the most of every inch of space!

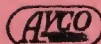


All corners and edges rounded; prevents torn clothing and scratches—makes cleaning easier.

## *American* KITCHENS

**"SAVE 1000 STEPS A DAY"**

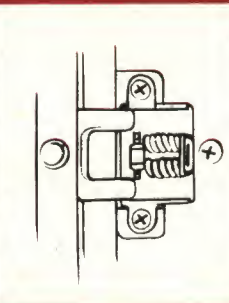
AMERICAN CENTRAL DIVISION



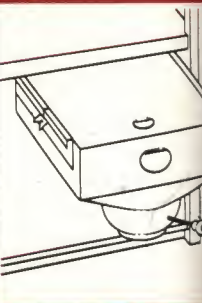
CONNERSVILLE, INDIANA



Barrier prevents soap slipping into bowl—even small glasses won't tip on new-type flutes!



Double-action hinges hold doors fully open or closed without catches. Doors can't stand ajar!



Built-in sifting flour bin; fits right into wall cabinet; slides in or out at slight touch of finger.





**THE SIGN**

**OF GOOD TELEPHONE PLANNING**

**PLAN FOR**

***TELEPHONES***

**IN THE HOME YOU BUILD**





## Why telephone planning is so important

Naturally, you want your new home to be modern in every respect—designed for comfort, convenience and attractiveness. No doubt you have given a lot of thought to such essential services as electricity, gas and plumbing. You want them to be ample, of course, and you'll insist that the pipes and wires associated with these services be concealed within the walls.



## Don't overlook telephone wires

Modern construction methods and materials make it difficult and, at times, impossible to properly conceal telephone wires once your new home is completed. Improved building techniques, the use of insulating materials in the walls, fire stops, stud bracing—these are barriers which block any attempt to run wires behind the scenes. So, unless raceways are provided, the telephone installer has little choice—he must attach the wires along baseboards and around window and door frames where they can be seen.



## Plan now to conceal wires forever

Right now—while you are planning your home—is the time to think about the telephone service you'll need. Once you decide where you want telephones, your builder or electrician can install the necessary outlets and provide raceways to carry the wires inside the walls of your house. Thus exposed wiring need never detract from the beauty of your walls and woodwork.



## What are telephone raceways?

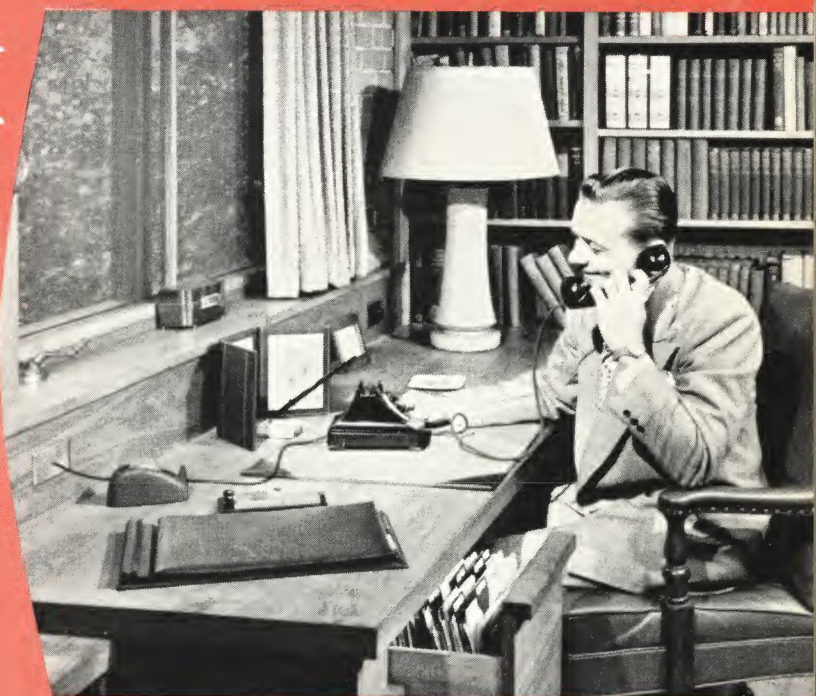
They are simply pipe lines which carry telephone wires inside the walls from the point where they enter your home to the places where you want your telephones. Ordinary pipe or thin-wall or flexible electrical conduit is frequently used. It provides a clear path in the walls through which the telephone installer can run his wires.

## How many outlets will you need?

In deciding how many telephone outlets to install, consider future as well as present needs. As conditions change, as your family grows, your telephone requirements will increase. You may not want a telephone in your bedroom right now. But the time may come when you'll find a bedside telephone very convenient. And so with other locations. To insure complete telephone convenience, provide enough outlets in the right places. The cost per outlet is small, and the years will prove the value of your investment.

## Suggested outlet locations

Your telephone requirements will, of course, vary according to family circumstances and the layout of the home you build. However, experience has shown desirable locations to include (1) a central location accessible to the working area of your home—the kitchen, dining room, living room or hall if not too far from the kitchen door; (2) master bedroom either on first or second floor; (3) additional bedrooms, den, study, sewing or game room or workshop.



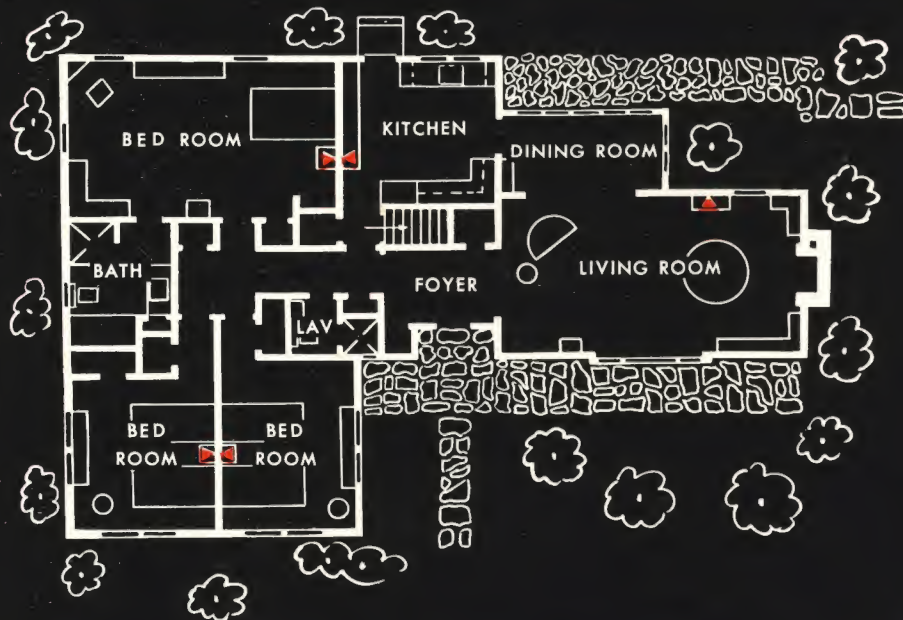


## OUTLETS FOR PORTABLE TELEPHONES

In many homes one or more portable telephones—telephones that can be carried from room to room and plugged into telephone outlets—are found to be worth-while time and step savers. You may not use such locations as the sewing room, guest room, workshop, or game room often enough to warrant installing a permanent telephone, but outlets for a portable telephone, available whenever needed, would prove a real convenience.

## REMEMBER THESE POINTS

1. Plan now to conceal telephone wires in the home you build.
2. Base your plans on future as well as present needs.
3. Locate telephone outlets where they will be most easily accessible day and night.
4. Consider, too, the use of portable telephones if you have rooms which will not be in continuous use.



The telephone company furnishes a telephone planning service without charge to all architects, contractors and home builders. Due to the wide variety in design and construction of present-day homes, new problems in planning for telephone service frequently arise. Telephone specialists can best help solve those problems. Just call your Bell Telephone Company Business Office and ask for assistance in planning for ideal telephone service in the home you build.

## BELL TELEPHONE SYSTEM





FROM THE HOUSE OF

**Carey**

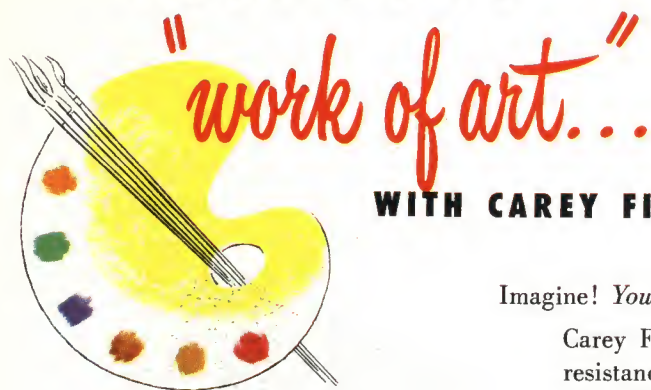
*Better Products for a Better Home*

THE PHILIP CAREY MANUFACTURING COMPANY • CINCINNATI 15, OHIO

DEPENDABLE PRODUCTS SINCE 1873



YOUR ROOF CAN BE A



**WITH CAREY FIRE-CHEX ASBESTOS-PLASTIC SHINGLES**

Imagine! *Your* roof a real "work of art"—the crowning glory for your home!

Carey Fire-Chex asbestos-plastic shingles, long famous for superior fire-resistance, now make this possible. They're the only shingles in the world *especially designed* for application on your roof in a gorgeous *shadow-blend* roof design, so different and original in its lovely beauty that it has been copyrighted as a "work of art"!

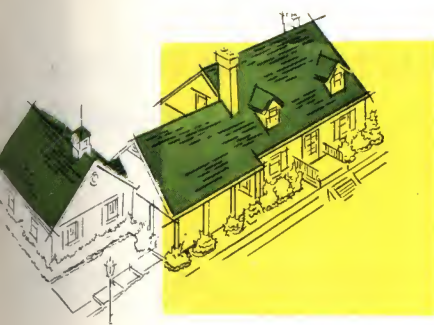
And, Fire-Chex shadow-blend roof designs are architecturally correct—give your roof the rich, deep shadow lines and massive "character" formerly obtained only with far costlier materials.

Select your Fire-Chex roof from the generous array of shadow-blend and solid colors shown here.

Green Shadow-Blend Roof Design \*\* on Charming Cape Cod







## MORE REASONS WHY A

# Carey Fire-Chex Roof

## WILL GIVE YOUR HOME A GLORIOUS FUTURE!

Not only are Carey Fire-Chex shingles the most beautiful you've ever seen, they're also your best buy for fire-safety, weather protection, and long-lasting performance!

### UP TO 108 TIMES GREATER FIRE-SAFETY!

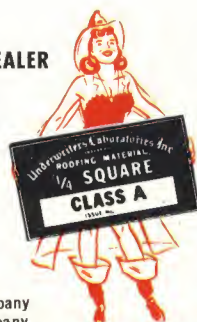
As a fact. Tested by famous Underwriters' Laboratories, Inc., Fire-Chex were found up to 108 times more fire-resistant than ordinary conventional-type shingles. Fire-Chex are thickly coated with a new, patented asbestos-asphaltic material with amazing resistance to fire. That's why Fire-Chex will guard your home, your loved ones, from the ever present danger of chimney sparks, embers and flaming brands. Fire-Chex are the only shingles of any kind rated Class A\* by Underwriters' Laboratories, Inc., highest fire-protective rating possible. Put Fire-Chex protection on the roof of your new home!

### SUGGESTED WEATHER - AND - TIME DEFYING CONSTRUCTION!

Scientific tests in regions of greatest weather severity prove that Carey Fire-Chex shingles far outlast conventional shingles, resist blistering, warpage, curling, hail and wind damage. And no wonder! Fire-Chex are made extra-thick, weigh 325 pounds per square (100 square feet of roof area). That's 115 pounds per square *more* than many ordinary shingles weigh. *Far more* than enough to enable Fire-Chex to withstand weather's most vicious abuse. Fire-Chex' superior performance adds up to lower roof costs per year, greater satisfaction, more years of trouble-free service than offered by any other roofing material!

*Ask* YOUR ARCHITECT,  
BUILDER OR CAREY DEALER

To show you the exclusive advantages of Carey Fire-Chex shingles before you buy any roofing!



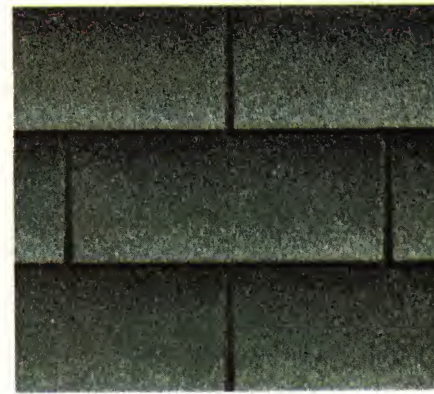
Gray Shadow-Blend Roof Design \*\*



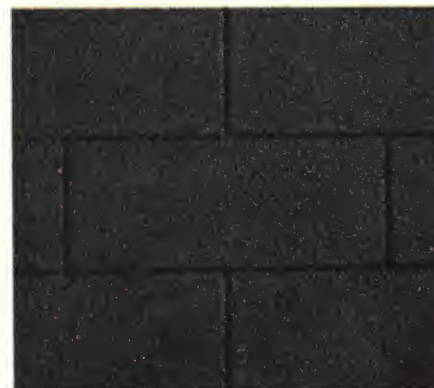
Red Shadow-Blend Roof Design \*\*



Brown Shadow-Blend Roof Design †



Green Shadow-Blend Roof Design \*\*



Velvet Black



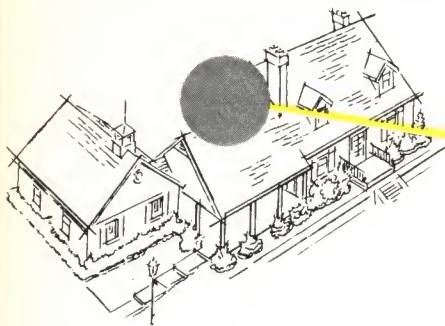
Chocolate Brown

\* Class A—without asbestos underlaying

\*\* Copyright 1949, The Philip Carey Mfg. Company

† Copyright 1951, The Philip Carey Mfg. Company



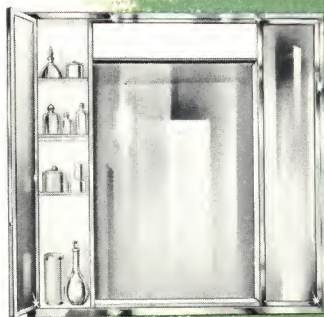


# Look

**WHAT WONDERFUL CONVENIENCE  
AND BEAUTY YOU**

## The Miami IMPERIAL

An exquisitely-styled, deluxe lighted cabinet to please the most discriminating taste. Side cabinets provide abundant storage space. Indirect lighting is achieved with two bulbs behind opal glass panel above center mirror. Quality and good taste are reflected in the skillful harmonizing of chromium and mirrors. No finer cabinet at any price.



## VENETIAN ARISTOCRAT

An all-mirror front Venetian-type cabinet designed for medium-cost homes. Popular, moderately priced. No. 1 quality, frameless mirror, copper-protected. Brass, chromium-plated piano-type hinges. 20-gauge ARMCO Bonderized steel construction with triple-coat enamel baked-on finish over rust-resistant undercoating.



## The COLONIAL No. 1406

Equipped with semi-tubular light brackets, light switch and electric convenience plug. Features an all-mirror front without frame around mirror. Selected quality mirror; ARMCO steel construction. Finished in two coats of first-quality baked-on enamel over rust-resistant undercoat. Concealed hinges. Produced by the same craftsmen who make the more expensive models, Miami COLONIAL cabinets offer top quality at low-cost.



**It's easy . . . and costs so little with**

# MIAMI *Carey*

## Bathroom Cabinets, Mirrors and Accessories

Perhaps you're planning a home for two—or three—or four or more! But—whatever your needs, you'll find just the right combination for bathroom beauty and convenience that suits you—in the wide selection of Miami-Carey Bathroom Cabinets, Mirrors and Accessories.

Miami-Carey builds four great lines to satisfy a broad range of needs and an equally broad range of incomes. In all four lines, quality of craftsmanship, styling and materials predominate!

**THE MIAMI LINE**—There's nothing finer in smart, modern styling and convenience for truly luxurious bathrooms.

**THE CAVALIER LINE**—Second only to the Miami line for bathrooms where quality, style and cost get equal consideration.

**THE COLONIAL LINE**—Designed to give you beauty on a budget! Convenience and fine quality, too.

**THE CASCADE LINE**—For low-cost homes, bungalows and cottages. Lowest in cost, without sacrifice in quality.

Whichever Miami-Carey line you choose, you may be sure of this—it will work wonders for you in creating a bathroom that's smartly beautiful, super-convenient. A dream come true at a price you want to pay!

## The CASCADE No. 304-A (Recessed type)

Distinctively styled by Miami-Carey craftsmen to enhance the beauty and convenience of your bathroom—designed especially to suit the budget. Framed mirror is set in stainless steel, polished and buffed to a chrome-like finish. Mirror is selected plate glass, copper protected. Features include glass shelves, razor blade drop, piano-type hinges enameled white to match the cabinet. Smartly modern—low in cost!





**BUILD INTO YOUR BATHROOM!**

*free!*

this bathroom planning booklet

**"44 IDEAS FOR YOUR BATHROOM"**

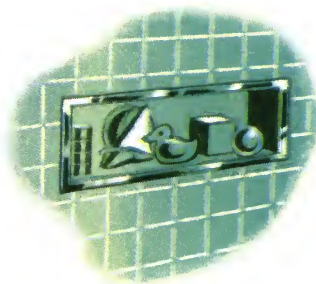


Ready now to help you plan a bathroom that reflects your individuality and good taste—economically! Brimming with really practical ideas being used right now by thousands of home owners across the land! Write for your copy today! Enclose 10c to cover postage and handling.

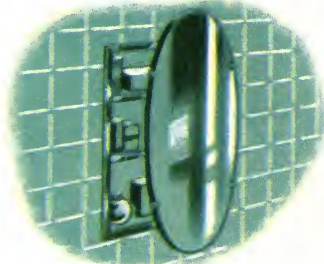
Dept. MC, The Philip Carey Manufacturing Company, Cincinnati 15, Ohio

**NATURALLY** we couldn't show you the complete array of Miami-Carey Bathroom Cabinets, Mirrors and Accessories on these pages. Your local Carey dealer, contractor or architect will gladly show you the many, many Miami-Carey combinations for your bathroom beauty and convenience.

*See him Soon!*



**A BATHROOM** littered with children's tub toys is a problem. Why not a recessed shelf over the bathtub? Handy—practical—economical.

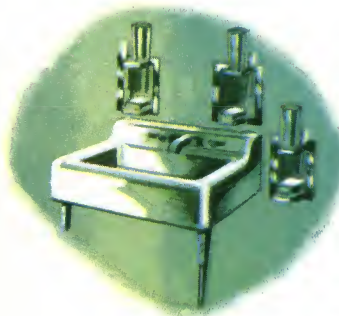
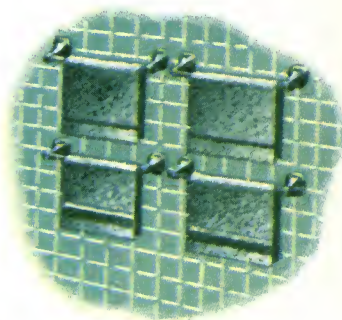


**WANT RELIEF** from the straight lines of conventional mirrors? A beautiful circular mirror over make-up table or lavatory is refreshingly decorative.



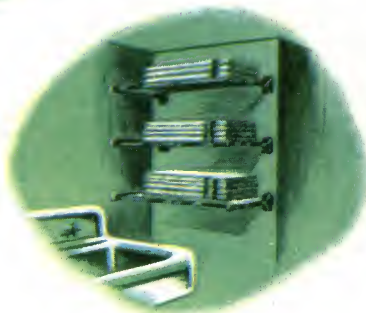
**FOR THE WOMAN** who has always dreamed of a "little private dressing room" . . . a complete, custom-built, exotically-styled mirror unit. Add indirect lighting, colored side mirrors, recessed shelf—and presto! Simply install above a table, lavatory or in the powder room.

**YOUR BATHROOM** will look smarter with sets of towel bars arranged this way on the walls. HIS and HERS . . . with pairs of Turkish and face towels.



**WATER TUMBLERS,** toothbrushes, soap . . . a combination holder for each family member. Convenient! Sanitary!

**A MORE AMPLE** towel supply for the entire family may be kept on chromium towel shelves "stacked" in this manner on bathroom walls . . . lending utility plus a brand new decorative effect! Here's a nice arrangement, with the youngster's holder lowermost!





# Carey

WORKS WONDERS WITH ASBESTOS

TO GIVE YOUR HOME

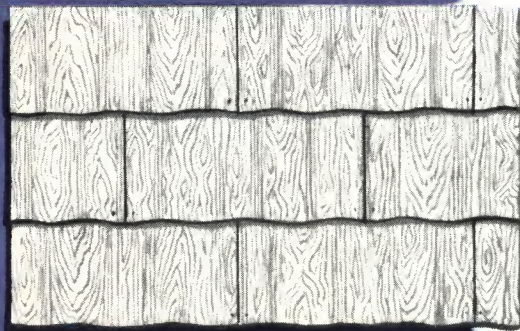
PERMANENT BEAUTY AND CHARM



## Ceramo

**Ceramic Glazed Asbestos-Cement Siding**

*for exterior walls*



WAVELINE No. 205



STRAIGHT EDGE No. 240

Treat your home to sidewalls of snow-white CERAMO! It's the new asbestos-cement siding with a flint-hard ceramic surface—fused under high heat to seal out dirt, grime, moisture—stays clean longer!

**CERAMO** is a *whiter, brighter white*. Scientific tests made under U. S. Bureau of Standards Methods prove that Ceramo is whiter than many white paints used for exterior of homes. Compare Ceramo White with ordinary white siding—you will be amazed!

**CERAMO** protects against fire—made from non-combustible materials—asbestos-fiber and Portland cement.

**CERAMO** will not rot or decay.

**CERAMO** does not require painting. It saves you the first cost of painting and it continues to save you the cost of repainting.

**CERAMO** is a *modern* material. It is suitable for all types of homes in all climates.

**CERAMO** exterior walls will add permanent beauty and freshness to your home.

**Check these advantages of Carey Ceramo Asbestos-Cement siding . . .**



#### Soot Test

Soot and atmospheric dirt are easily washed off with water.



#### Hose Test

Water does not penetrate CERAMO'S dense, hard surface.



#### Fire Test

Even a blow torch can't ignite Carey CERAMO!



#### Whiteness Test

Ceramo is whiter than the whitest of outside white house paints.\*

\* Light reflectivity tests recommended by U. S. Bureau of Standards rate CERAMO 90.7% (published figures rate lead-zinc White Paint, 2 coats 66%, Titanium Oxide White Paint 75%)

**GIVE YOUR HOME A REAL FUTURE WITH CAREY BUILDING MATERIALS!**

Ask your architect or builder about them . . . or see your Carey dealer!



**Now! A ROCK WOOL BATT INSULATION  
THAT'S COMPLETELY FIRE SAFE!**

# Carey FIRE GUARD

**Only Rock Wool Batt in the World with a FIRE-RESISTANT Vapor Barrier!**

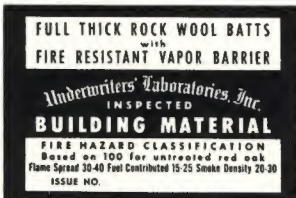
Carey FIRE-GUARD Batts give you more than insulation ever did before!

No other insulating material of *any kind* provides all these important benefits:

- Maximum fire-safety for your home and family
- Lower heating costs—fuel savings up to 40%
- More comfortable living the year 'round
- Maximum protection against destructive moisture

Carey Fire-Guard Rock Wool Batts feature exclusive fire-resistant vapor barrier that *retards* fire, doesn't feed it. Ordinary non-combustible rock wool batts are furnished with a paper vapor barrier... literally *invite* the spread of flames, should fire occur. Only Carey gives you Fire-Guard... the *extra* protection of a vapor barrier that will not burn combined with non-combustible rock wool.

*be Safe  
be Sure*

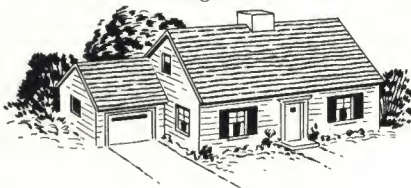


Insulate with Carey Fire-Guard Rock Wool Batts with exclusive Fire-Resistant vapor barrier awarded the highest fire-safety rating—Underwriters' Laboratories, Inc. label! Look for it on the package when you buy rock wool batt insulation!

**Don't Line Your New Home With Paper!**



When exposed to fire, combustible vapor barriers burst into flame, actually feed the blaze and encourage its spread. This often results in tragic loss!



Eliminate this unnecessary risk! Insulate with Carey Fire-Guard Rock Wool Batts with exclusive Fire-Resistant vapor barrier that retards flame spread, helps keep fire in check until help arrives!



**Try This Test Yourself!**



Hold a cigarette lighter flame against Fire-Guard vapor barrier. There will be no ignition of vapor barrier, nothing to cause flame spread.

Next try it on an ordinary vapor barrier. In a few seconds vapor barrier will be burning merrily. Keep this dangerous fire hazard out of your new home!

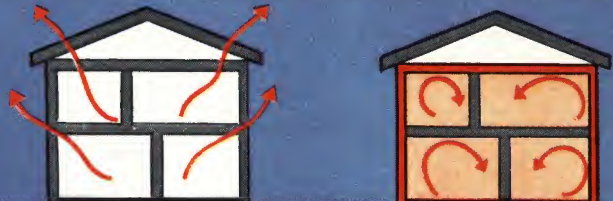
**CAREY Rock Wool Takes The Simmer out of Summer!**



From sun easily penetrates insulated roof, walls, ceiling; raises inside temperatures more than outside—causes misedays, sleepless nights!

Carey Rock Wool Insulation, properly installed, locks heat outside—keeps inside temperatures up to 15 degrees cooler than in uninsulated homes, even during summer's hottest weather!

**CAREY ROCK WOOL BRINGS WINTER COMFORT, FUEL SAVINGS UP TO 40%.**



In winter, heat leaks out through uninsulated roofs, walls, ceilings; results in fuel waste, drafts, cold floors and walls, hard to heat rooms. Endangers health!

Carey Rock Wool Insulation keeps heat inside; saves up to 40% on fuel; actually pays for itself within a few years—and pays you a cash dividend in fuel savings every year thereafter. Floors and walls are warm, draft-free; rooms, easier to heat. You enjoy comfortable, healthful living!

Types of Carey Rock Wool for home insulation include loose wool, granulated, strip blankets. Your architect or builder to recommend the type of Carey Rock Wool that suits your needs best.

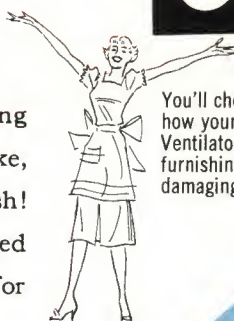


PLAN NOW TO INCLUDE LOW COST

# Ventilation by MIAMI Carey

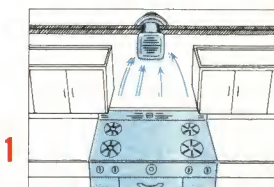
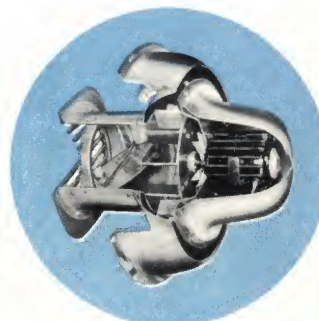
IN YOUR HOME

**For Your Kitchen**—a Miami-Carey Ventilating Fan . . . to whisk out cooking odors, heat, smoke, greasy steam—keep your kitchen daisy-fresh! Saves many times its modest cost in reduced cleaning and decorating bills. Models for through-the-wall or ceiling installation, all featuring decorative styling, smooth, powerful performance, and built to the famous Miami-Carey tradition of quality!



You'll cheer, too, when you see how your Miami-Carey Kitchen Ventilator keeps walls, ceilings, furnishings free from greasy, damaging film!

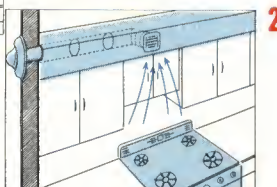
Cutaway view—Model MC-6 with impeller-type blades for ceiling or wall installation.



TYPICAL INSTALLATIONS—MODEL MC-6

**1.** Through the wall installation directly over range

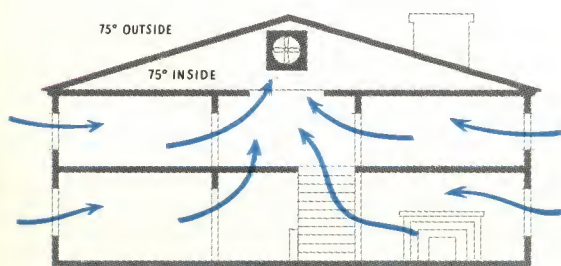
**2.** Outlet grille installed in bottom of cabinet above range with duct running up through cabinet and out through soffit to outside wall



## Make your home an oasis of cool comfort with a Miami-Carey attic fan . . .

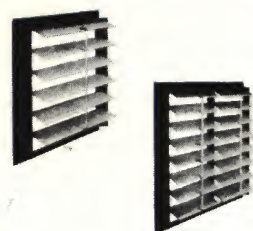
and enjoy "luxury comfort" during summer's hottest months! Yes, your Miami-Carey attic fan—with powerful, quiet action—will expel hot, stifling air, draw in fresh, cool breezes to help you feel a good 20° cooler, sleep like springtime in mid-July. A Miami-Carey Attic

Fan cools in three ways—by lowering air temperature inside, by dissipating heat stored in walls and ceilings, by speeding up moisture evaporation from the skin. There's a model tailored for *your* home-cooling needs. Inexpensive, easily installed, built to *last*!



How a Miami-Carey attic fan

**COMFORT-COOLS** your home



Miami-Carey Fan Louvers with heavy welded steel frame, drilled for mounting. They are noiseless, weather-resistant, corrosion-proof.



MIAMI-CAREY ATTIC FANS

**POWERFUL** Miami-Carey fans move up to 13,000 cubic feet of air in a minute, change the air in a five or six-room house in less than two minutes! Cost no more to operate than a 50-watt light bulb. 30", 36" and 42" sizes for vertical or horizontal mounting.

Plan Now  
for Ventilation  
by Miami-Carey!

# Carey

The Philip Carey  
Mfg. Company,  
Lockland  
Cincinnati 15, Ohio

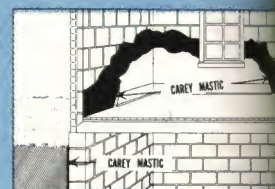
Build a Better Home with Carey Products. See your Carey dealer for helpful information and the complete line of Carey building products.

How to have a  
**DRY BASEMENT**  
and  
**DRY WALLS**  
For the life of your home

INSIST ON CAREY

**MAS**  
**FOUNDATION COATING**

You don't have to worry about a damp basement. Long-lasting Carey Mastic Foundation Coating gives you positive damp-proofing. Carey Mastic Foundation Coating prevents moisture seepage.



through porous masonry walls, insures a snug, dry basement, removes danger of moisture damage to walls, floors, heating plant, etc. Made of high quality asphalt free of coal tar, Carey Mastic Foundation Coating provides tough, everlasting coating that locks out moisture. No other product has such tough elastic and adhesive qualities. Carey Mastic Coating can be applied with a brush or trowel to your basement walls against moisture. Rough masonry surfaces and "pin" holes are thoroughly covered.

PROTECT YOUR

**FOUNDATION, TOO**

The foundation of your home plays a most important role in holding maintenance costs down and increasing the life of the structure. Be sure your foundation is protected below grade (soil line) with quality coating. It costs no more to use Carey Mastic Foundation Coating, so tell your architect or builder to include it in your bill of materials. Remember you save foundation repair bills and help keep your basement dry and healthful with Carey Mastic Coating.



# CRANE

***fixtures for the modern bathroom***





# Crane *Quality*

## **modern**

## **bathroom fixtures**



The bathroom represents a permanent investment. The fixtures selected should not only give beauty and charm but they should be built to stand up under years of hard service.

In selecting Crane, the best-known name in plumbing you are assured the finest fixtures that can be produced—fixtures that are new in styling with many advanced engineering features.

The Crane line includes fixtures of *Duraclay*, vitreous china, porcelain enamel on cast iron and formed metal porcelain enamel. Here are Crane quality bathroom groups and individual fixtures in white and a wide range of colors—priced to meet any budget.

***new beauty***  
***for the***  
***bathroom with***  
***matched bathroom***

### ***Crane colored fixtures***



Crane fixture colors are white and eight attractive pastel shades:

Sun Tan	India Ivory
Pale Jade	Citrus Yellow
Sky Blue	French Grey
Shell Pink	Persian Red

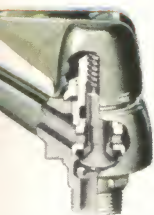
These colors are fired into the glass-hard glaze of the fixture and there is no possibility of color fading or changing.

Crane colored fixtures permit a wide range of bathroom or powder room color schemes to suit any individual taste.

CRANE CO., 836 SOUTH MICHIGAN AVENUE, CHICAGO 5, ILLINOIS



## Dial-ese controls



A finger's touch and the faucet opens—another and it closes. All Crane faucets and supply fittings with *Dial-ese* controls actually operate that easily. But most important, because *Dial-ese* opens and closes so effortlessly, wear and consequent dripping are greatly reduced.

*Dial-ese* faucets and supply fittings are a featured part of all new Crane fixtures. Choose either the beautiful *Quality* trim, or the efficient *Quality* trim in *Whitney*, *Orleans* or *Olympia* design. *Dial-ese* faucets for use on other fixtures are also available.

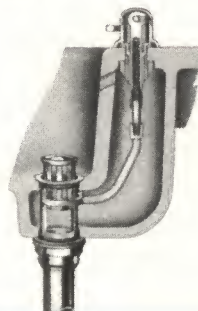


**ACCESSO WASTE**—An efficient, concealed bath waste and overflow that permits rapid draining at the touch of a lever. All parts are easily accessible.

*other exclusive*

## Crane features

**SECURO WASTE**—This lever-action lavatory waste is designed to drain the basin so rapidly that the resulting rush of water helps clean the basin.



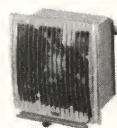
*groups —*

Crane offers attractive groups of matched bathroom fixtures in a wide price range. These new Crane fixtures are styled to complement each other and possess a unity of design that adds to the beauty of the group. It is this harmonious styling and attention to detail that make Crane bathroom fixtures the favored choice.

No matter what type of home you are equipping, you will find just the bathroom group to suit your requirements in the extensive Crane line.

## Crane equipment for your kitchen

The same high quality that characterizes Crane bathroom fixtures is available in kitchen equipment. The Crane line includes a wide choice of sinks with cabinets or for counter-top installation. Here you will also find cabinets, ranges, dishwashers, disposal units, ventilating fans.



## Crane equipment for your heating system

Regardless of the type of heating you prefer, or the fuel you wish to burn, the complete Crane line includes all equipment — boilers, furnaces, Compac radiators, radiant baseboard panels, convectors, oil and gas conversion burners, stokers, controls, water specialties, pipe, valves and fittings.



## for a bathroom of distinction

Here is bathroom fixture styling to please the most discriminating taste. It's a prize-winner — this Crane *Criterion* group — for along with beauty, it offers a practicality that best meets the requirements of modern living.

The lavatory is the Crane *Criterion* 1-80 made of solid slab vitreous china with a spacious rectangular basin, splash lip and front overflow. The striking 8-1 *Criterion* trim is brush finish chromium plated with clear Lucite handles. Exclusive *Dial-ese* controls and lever-action *Securo* waste. Install in counter-top of tile in your choice of design.

Size: 30 $\frac{1}{4}$  x 22 in.

Basin: 16 $\frac{1}{4}$  x 12 $\frac{1}{2}$  in.

Apron height: 2 $\frac{3}{4}$  in.

Height, floor to top of rim: 31 in.

The Crane *Criterion* 2-77 bathtub is made of porcelain enameled cast iron. It is designed for recessed installation and features a wide, comfortable rim seat and flat bottom for safety. The

overrim supply and shower fitting are the 2-310 *Criterion Dial-ese* design with clear Lucite handles. *Deviator* spout prevents inadvertent dousings, and *Accesso* waste assures quiet, thorough draining. Left-hand model available as *Criterion* 2-76. Or if you prefer, this attractive bathtub may be had with finished end as *Criterion* 2-62 for left-hand corner—*Criterion* 2-63 for right-hand corner.

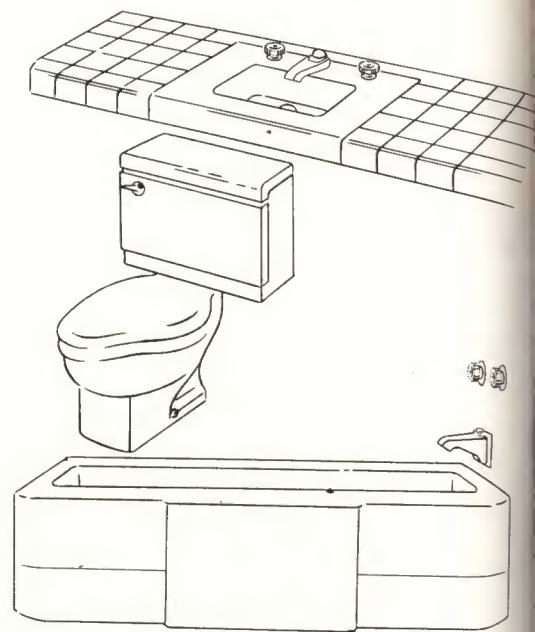
Recess Sizes: 60 x 32 $\frac{1}{2}$  x 16 in.

66 x 32 $\frac{1}{2}$  x 16 in.

Corner Size: 61 x 32 $\frac{1}{2}$  x 16 in.

The closet shown is the *Criterion* 3-100, made of sparkling, sanitary vitreous china in a modern, close-coupled design with elongated rim. The efficient siphon jet whirlpool action assures quiet, positive flushing. Seat and cover are of *Mol-Tex*, and the telescopic cover completely encloses the top of the bowl.

Size: Overall height, 31 $\frac{3}{8}$  in. Width of tank, 21 in. Extension, wall to front, 31 in.



The Crane *Criterion* lavatory is also available with chromium-plated round metal legs with clear Lucite base for free-standing installation as the Crane *Criterion* 1-83, illustrated at left.

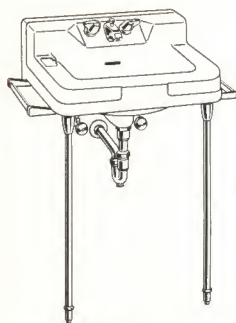


e Crane *Criterion* group





# the *Oxford* bathroom



## OXFORD LAVATORY 1-125-E

A modern lavatory of gleaming vitreous china with spacious rectangular basin and soap depression. A flat shelfback provides a place for bathroom necessities, and all controls are conveniently mounted on a beveled panel. Chromium-plated trim is the 8-130 Whitney with Dial-ese controls and direct lift waste. The Oxford lavatory also has 8-697 Crestmont chromium-plated towel bars and 8-710 Crestmont chromium-plated round metal legs.

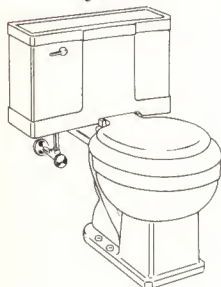
Sizes: 19 x 17 in.  
Basin: 14 x 11 in.

20 x 14 in.  
15 x 9 in.

This lavatory is also available in 26 x 14 in. size as Oxford 1-130-E. Trim same as above except has 8-705 Crestmont hexagon metal legs.

Size: 26 x 14 in.

Basin: 17 1/4 x 9 in.



## OXFORD CLOSET 3-140

The smartly styled Oxford closet is made of easy to clean vitreous

china. Features a modern close-coupled design and quiet efficient whirlpool jet flushing. Crane-Line No. 50 white solid plastic seat.

Size: Overall height, 28 1/8 in. Width of tank, 21 7/8 in. Extension, wall to front, 27 1/2 in.

## OXFORD RECESS BATHTUB 2-126

The Oxford recess bathtub is made of Duraclay, the original Crane vitreous glazed earthenware material. It resists thermal shock, defies abrasion and is impervious to acids. Has a flat bottom, low 14-inch height and a non-splash rim which also serves as safety handhold. Chromium-plated trim is the 2-305 Regal Deviator overrim supply and shower with Dial-ese controls. Access pop-up waste and overflow. For right-hand outlet specify 2-127.

Sizes: 54 x 27 x 14 in. 60 x 27 x 14 in.  
No slope at head end of 54 in. size.

A companion Oxford bathtub in a corner design is also available. Specify Oxford 2-108 for left-hand corner, Oxford 2-109 for right-hand corner.

Size: 60 x 27 x 14 in.





# the *Neuday* bathroom

## NEUDAY LAVATORY 1-460-F

The Crane *Neuday* is a smartly styled, shelfback lavatory of porcelain enameled cast iron construction. Has a generous size rectangular basin and molded-in soap depression. Chromium-plated 8-130 *Whitney* trim with *Dial-ese* controls and direct lift waste fitting mounted on beveled panel that adds to the attractiveness of the fixture. 8-698 *Crestmont* chromium-plated towel bars. If you prefer, the lavatory may also be supplied with 8-714 *Crestmont* chromium-plated round legs as *Neuday* 1-455-E.

Sizes: 19 x 17 in.

Basin: 15½ x 10½ in.

24 x 18 in.

16 x 11 in.

*Crestmont* pop-up waste and overflow. For left-hand outlet specify 2-96.

Sizes: 54 x 30½ x 14 in.

60 x 30½ x 14 in.

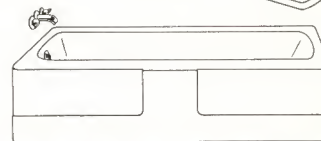
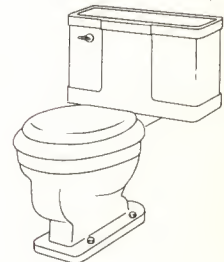
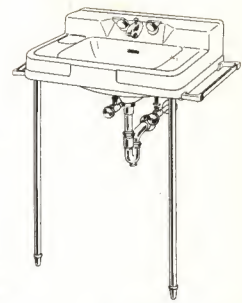
No slope at head end of 54 in. size

Should you desire the *Neuday* recess bathtub as shown but without the shower fitting it is available as *Neuday* 2-94 for left-hand outlet; *Neuday* 2-95 for right-hand outlet. Comes equipped with chromium plated 9-35 *Regal* overrim supply fitting and 9-51 *Crestmont* connected waste and overflow with chain and stopper.

## NEUDAY CLOSET 3-160

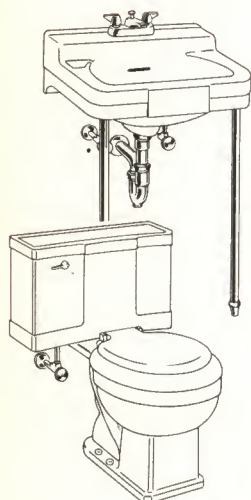
Attractive close-coupled closet made of smooth, gleaming vitreous china that is easy to clean and easy to keep clean. The quiet, self draining jet gives quick, positive flushing. 3-912 sprayed white seat and cover.

Size: Overall height, 28⅞ in. Width of tank, 21⅞ in. Extension, wall to front, 27¼ in.





# the *Lahoma* bathroom



## YORKSHIRE LAVATORY 1-295-C

Attractively styled shelfback lavatory made of gleaming, easy-to-clean vitreous china. Semi-oval basin provides generous washing area. Splash lip and soap depression are added features. Chromium-plated trim is the 8-121 Olympia with *Dial-ese* controls and direct lift waste. Chromium-plated round metal legs illustrated are *Crestmont* design 8-710.

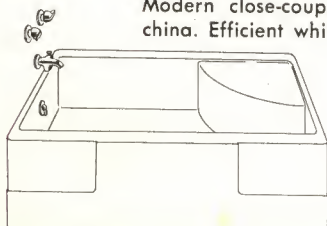
Size: 24 x 20 in.      20 x 18 in.      18 x 15 in.  
 Basin: 18 x 12 $\frac{3}{8}$  in.      15 $\frac{1}{2}$  x 11 $\frac{3}{8}$  in.      14 x 9 in.

## OXFORD CLOSET 3-140

An ideal fixture to complete the compact *Lahoma* group. Modern close-coupled closet made of gleaming vitreous china. Efficient whirlpool action bowl with self-flushing jet.

Seat is Crane-Line solid plastic No. 50.

Size: Overall height, 28 $\frac{3}{8}$  in. Width of tank, 21 $\frac{3}{8}$  in. Extension, wall to front, 27 $\frac{1}{2}$  in.



## LAHOMA RECEPTOR BATH 2-133

Here is a unique Crane bathtub that permits a complete bathroom in space as small as 5 $\frac{1}{2}$  feet by 6 $\frac{1}{2}$  feet. The tub itself measures only 42 inches by 31 inches, yet provides facilities for foot, sponge or shower bathing. There is a comfortable built-in seat that permits the luxury of a shower while seated—and the low 12-inch height is particularly desirable when tub-bathing children and infants. Other safety features include flat bottom and non-splash rim which also serves as safety handhold.

The *Lahoma* bathtub is made of exclusive *Duraclay*, the original Crane vitreous glazed earthenware material that withstands thermal shock, defies abrasion and resists the action of household acids. Chromium plated trim is 2-30 *Regal Deviator* overrim supply fitting and shower with *Dial-ese* controls. *Crestmont* pop-up waste and overflow. Specify *Lahoma* 2-134 for right-hand outlet.

Size: 42 in. long x 31 in. wide x 12 in. high







## the *Elayne* powder room

### ELAYNE COUNTER-TOP LAVATORY 1-270-L

Handsome vitreous china lavatory in the new counter-top design. Features a spacious semi-oval basin with splash lip. Chromium-plated trim is the 8-10 Temple with *Dial-ese* controls and lever-action *Securo* waste.

Size: 27 x 20 in. Basin: 21 x 11 in.

### CRITERION CLOSET 3-100

Distinctive elongated rim *Criterion* closet is a perfect companion fixture for the striking counter-top lavatory. Made of gleaming vitreous china in the correct posture design. Flat top telescopic cover completely encloses top of the bowl. Efficient siphon jet whirlpool action provides quiet, positive flushing.

Size: Overall height, 31½ in. Width of tank, 21 in. Extension, wall to front, 31 in.

## counter-top lavatories

Crane counter-top lavatories are original in design and completely functional. Easily installed in a counter-top of tile, linoleum, plastic, wood or other materials.

### the *Marcia*

#### MARCIA LAVATORY 1-275-J

Gleaming vitreous china counter-top lavatory with raised beveled panel, integral spout and spacious semi-oval basin with splash lip. Features 8-4 chromium-plated *Temple Dial-ese* trim and lever-action *Securo* waste.

Size: 20 x 19 in. Basin: 16 x 11 in.  
24 x 21 in. 17 x 10½ in.  
27 x 20 in. 21 x 11 in.



### the *Westland*

#### WESTLAND LAVATORY 1-280-S

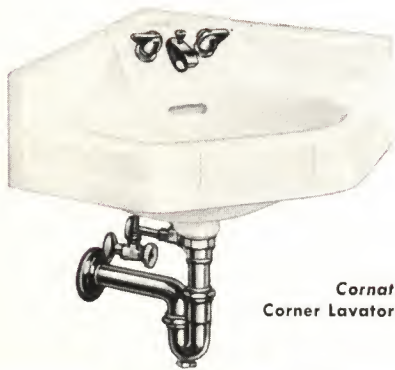
Another fine Crane vitreous china counter-top lavatory that permits many interesting arrangements. Has adequate size rectangular basin and splash lip. The attractive chromium-plated trim illustrated is the 8-140 *Embassy* design with *Dial-ese* controls and indirect lift waste. Or if you prefer, the *Westland* counter-top lavatory is available with *Temple Dial-ese* supply, or with *Neu-Rainier Dial-ese* supply.

Size: 20 x 19 in. Basin: 16 x 11 in.





# other *Quality* Crane bathroom



**Cornate**  
Corner Lavatory 1-370-E



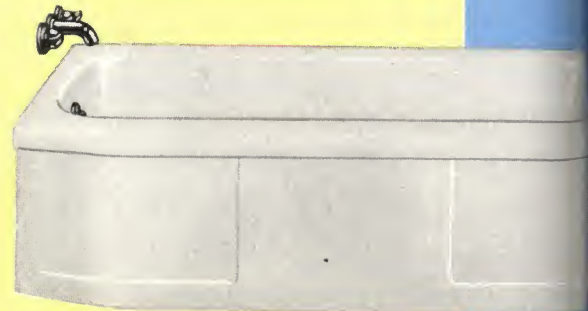
**Oxlee**  
Lavatory 1-355-E



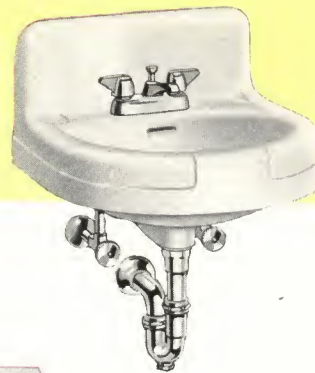
**Oral Hygiene**  
Dental Lavatory



**Norwich**  
Lavatory 1-150-C



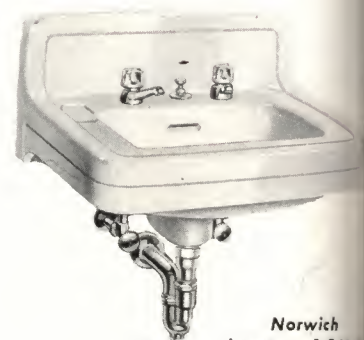
**Ohio**  
Bathtub 2-178



**Carolina**  
Lavatory 1-531-C



**AllianceWare**  
Bathtub 2-174

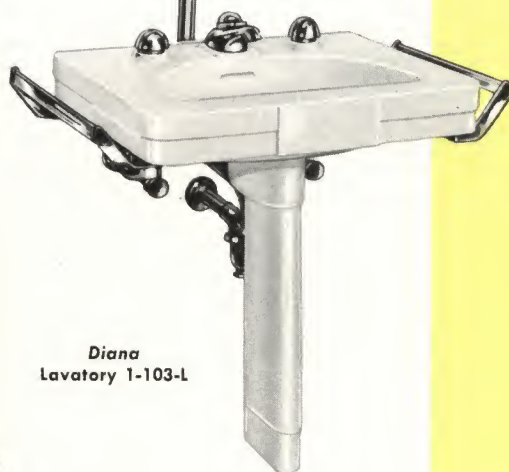


**Norwich**  
Lavatory 1-240-W





Rhodile  
Lavatory 1-495-S



Diana  
Lavatory 1-103-L



Neu-Sanix  
Closet 3-150

#### CORNATE CORNER LAVATORY 1-370-E

Modern vitreous china corner lavatory with beveled panel back, splash lip and soap depression. 8-130 Whitney Dial-ese trim and direct lift waste.

Size: 17 x 17 in. Basin: 15½ x 10 in.

#### OXLEE LAVATORY 1-355-E

Vitreous china lavatory with beveled panel back, splash lip and soap depression. 8-130 Whitney Dial-ese trim and direct lift waste.

Size: 19 x 16 in. Basin: 15¾ x 10¾ in.

#### ORAL HYGIENE DENTAL LAVATORY 1-398

Compact vitreous china dental lavatory with beveled panel back, and integral flushing rim. Push-button, self-closing supply.

Size: 9¼ x 9 in. Basin: 6¾ x 4 in.

#### RHODILE LAVATORY 1-495-S

Porcelain enameled cast iron lavatory with 6 in. back, rectangular basin and soap depression. 8-140 Embassy Dial-ese trim and indirect lift waste. Crestmont round metal legs and Crestmont towel bars.

Size: 20 x 18 in. Basin: 15½ x 10 in.

#### NORWICH LAVATORY 1-150-C

Modern flat top vitreous china lavatory with rectangular basin, splash lip and soap depression. 8-120 Olympia Dial-ese trim and direct lift waste. Crestmont round metal legs and Crestmont towel bars.

Sizes: 20 x 18 in. and 24 x 21 in.

Basin: 14 x 11 in. and 16 x 11 in.

#### CAROLINA LAVATORY 1-531-C

Economy-priced porcelain enameled cast iron lavatory with back, oval basin and soap depression. Has 8-120 Olympia Dial-ese supply and direct lift waste fitting.

Size: 19 x 17 in. Basin: 15 x 9¾ in.

#### NORWICH LAVATORY 1-240-W

Vitreous china lavatory with 6 in. back, rectangular basin, splash lip and soap depression. 8-31 Vantage Dial-ese trim with Crestmont direct lift waste.

Sizes: 18 x 15 in., 20 x 18 in., 24 x 21 in.

Basin: 14 x 9 in., 14 x 11 in., 16 x 11 in.

#### DIANA LAVATORY 1-103-L

A sparkling vitreous china lavatory with semi-oval basin and splash lip. Supported on modern vitreous china pedestal leg. Has 8-10 Temple Dial-ese supply and lever-action Securo waste fitting. 8-691 Temple towel bars.

Sizes: 24 x 20 in. and 27 x 21 in.

Basin: 18 x 11 in. and 21 x 12 in.

#### OHIO RECESS BATHTUB 2-178

Formed metal porcelain enameled bathtub smartly styled to harmonize with other Crane designs. Trim shown is 9-35 Regal overrim supply fitting with Dial-ese controls. 9-59 Crestmont pop-up waste and overflow. Specify 2-179 for right-hand outlet.

Size: 60 x 32½ x 15½ in.

#### ALLIANCEWARE RECESS BATHTUB 2-174

Attractive budget-priced bathtub of formed metal porcelain enameled. Designed in the new 14 in. height to allow easy access. Trim illustrated is 9-35 Regal overrim supply fitting with Dial-ese controls. 9-51 Crestmont connected waste and overflow with chain and stopper. For right-hand outlet, specify 2-175.

Size: 60 x 30⅝ x 14 in.

#### NEU-ERA CLOSET 3-180

Efficient washdown closet with self-draining jet. Made of gleaming, easy-to-clean vitreous china. Sprayed white seat and cover.

#### NEU-SANIX CLOSET 3-150

Budget-priced close-coupled closet with washdown whirlpool action with jet. Made of gleaming, easy-to-clean vitreous china. Sprayed white seat and cover.



# showers and shower cabinets

## ADDENDA SHOWER 2-450

An ideal shower for use with existing bathtubs. No need to break into walls. Deviator spout, Rainbeau ball-joint shower head.

## TEMPLE SHOWER 2-372

A modern two-valve shower for new homes or re-modeling. Features Dial-ese controls, Temple ball-joint shower head.

## SPEAKMAN SHOWER S-1000

Built-in Mixometer shower. Has Anystream self-cleaning shower head, bent arm with metal wall flange and ball-joint with concealed volume control.

## REGAL SHOWER 2-355

Two-valve shower with concealed piping. Dial-ese controls. Rainbeau ball-joint shower head.

## SYMMONS SAFETY MIX VALVE 500

Automatically neutralizes pressure changes to maintain constant discharge temperature at shower head. Exposed parts are highly polished chrome.

## SPEAKMAN SENTINEL VALVE S-1735

A concealed type balanced pressure shower valve. All working parts of solid brass. Lever handle and wall plate are polished chrome plating.

## RAINBEAU SHOWER HEAD 9-238

Chromium-plated shower head with ball-joint. Has broached edge face and perforated center. Provides completely wet shower area.

## TEMPLE ECONOMY SHOWER HEAD 9-225

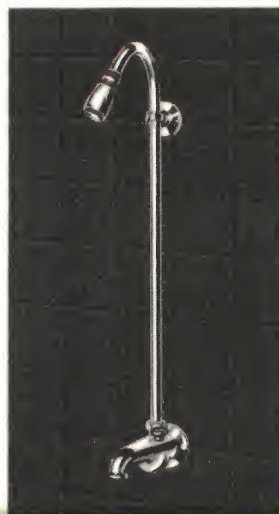
Another Crane water saver in the striking Temple design. Designed to match Temple trim on new Crane bathroom fixtures. Chromium-plated, 1/2 in. female inlet.

## ECONOMY SHOWER HEAD 9-221

Well named ball-joint shower head has an elliptical nozzle that conserves water by directing all of the spray at the bather. Chromium-plated, 3/8 or 1/2 in. female inlet.

## RAINBEAU SHOWER HEAD 9-235

Similar in design to the Rainbeau shower head above but without ball-joint.



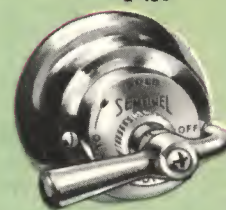
2-450



2-372



S-1000



S-1735



500



9-221



9-238



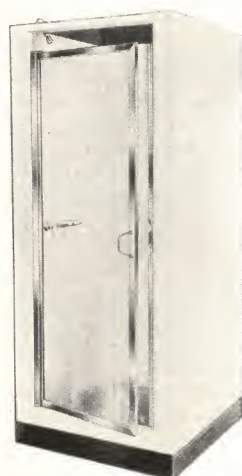
9-225



9-235



2-355



No. 180

## COTTAGER SHOWER CABINET No. 32-CD

One of the many shower cabinets available from Crane, this deluxe shower is in cabinet made of bonderized galvanized steel. Has attractive white baked enamel finish walls with black trim and black baked enamel galvanized steel receptors. Concealed two-valve shower, Economy ball-joint shower head, soap dish, white curtain and rod.

Size: 32 x 32 x 76 in.

## SKIPPER DELUXE SHOWER CABINET No. 180

Modern and comfortable in every way, the Skipper shower cabinet features the Neptune glass shower door. Cabinet itself is made of bonderized galvanized steel with white baked enamel finish walls. Receptor is semi-flat type, terrazzo. Has chromium-plated brass valves on 5 in. centers, shower head and soap dish. May also be supplied with white curtain and curtain rod in place of glass door, if so desired.

Size: 32 x 32 x 76 in.



No. 32



# bathroom accessories



**SOAP AND GRAB**  
No. 665  
With Crystal Soap Tray



**TUMBLER HOLDER**  
No. 645  
Tumbler Not Included



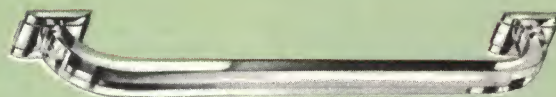
**TOWEL PIN**  
No. 685  
5 in. Long



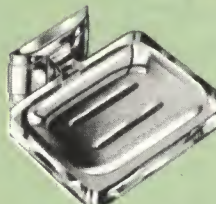
**SQUARE TOWEL BAR No. 694**  
3/4 in. Chrome-Plated Seamless Bar  
Lengths: 18, 24, 30, 36 in.



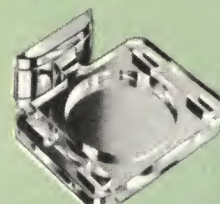
**PAPER HOLDER**  
No. 675  
With Chrome Roller



**RECTANGULAR TOWEL BAR No. 192**  
15/16 in. x 5/8 in. crystal bar.  
Length: 18, 24, 30 in.



**SOAP HOLDER**  
No. 120

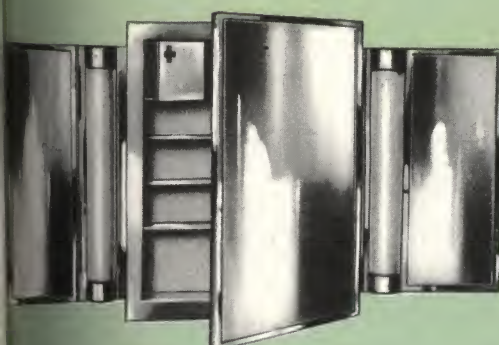


**TUMBLER AND  
TOOTHBRUSH  
HOLDER No. 130**

*Crystalcrome* is an entirely new development in fine bathroom accessories. The base of the fixture is made of brass, and the rest of crystal-clear Lucite. Adds a finishing touch of dramatic beauty to the finest bathroom.

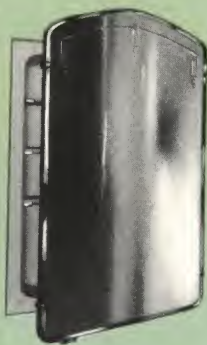


**ANGLE GRAB BAR No. 462**  
3/4 in. dia., 36 in. wide, 18 in. high



**THE PARK WING No. 28**

The *Park Wing* is one of the many attractive cabinets available from Crane. Has adjustable wing mirrors, fluorescent side lights and features a built-in *Safe-T-Chest* for drugs and other adult items out of children's reach. Overall dimensions: 23 x 45 in.



**LAWSON CABINET No. 3199**

Attractive cabinet of seamless one-piece steel, baked enamel finish. Plate glass mirror and clear glass shelves. Also available with lights. Mirror size: 16 x 24 in.



**GROTE CABINET LSF-440**

Distinctive, simple design blends with any bathroom. Seamless steel construction, baked enamel finish. Framed plate glass mirror, clear glass shelves. Side lights and outlets. Mirror size: 14 x 20 in.

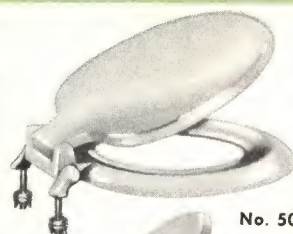


**PARKER CABINET No. 701**

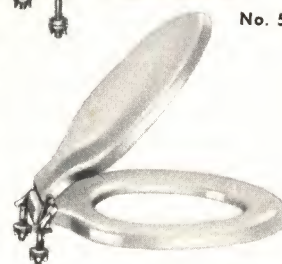
Modern cabinet of seamless steel construction, baked enamel finish. Plate glass mirror, clear glass shelves. Lumiline or fluorescent lights. Mirror sizes: 18 x 24 in. and 22 x 28 in.

## KOROSEAL SHOWER CURTAINS AND WINDOW DRAPERIES

The bright, gay colors of *Koroseal* shower curtains and window draperies bring new attractiveness into any bathroom. Since *Koroseal* is a flexible, synthetic 100% water-proof material, it is ideal for bathroom usage. It will neither crack, stick, stiffen nor become soggy with age. It is also unaffected by steam or hot water. *Koroseal* shower curtains and window draperies are available in matching ensembles of beautiful colors and patterns. There is a design to match the scheme of any bathroom.



**No. 50**



**No. 3-915**

## CLOSET SEATS

Closet seats for new fixtures or replacement are also available from the Crane Dealer. He can supply seats in solid plastic, *Mol-Tex*, hard rubber, sheet covered and wood. Seats illustrated are Crane-Line No. 50, available in black, white, plain colors or pearlescent finish, and No. 3-915 available in white, plain colors or pearl finish.



*the importance of the*

*hidden piping*



Comfort and convenience are first considerations in the design of all Crane plumbing fixtures. But fixtures alone represent only part of a complete and working plumbing system.

Beneath the floor and behind the walls are the vital supply lines — the piping that brings fresh, clear water; the piping that carries away disease-breeding wastes. Because so much depends upon these hidden, but important supply lines, it is essential that the materials and installations be of the highest quality.



*see your  
Crane dealer*

Whether you plan to build or are merely replacing a single out-moded plumbing fixture, it will pay you to depend upon the Crane Dealer. His knowledge and skill in piping, plus the high quality Crane piping materials he uses, are your assurance of years of satisfactory, trouble-free service.

**CRANE CO.**

CRANE CO. • 836 S. MICHIGAN AVENUE • CHICAGO 5, ILLINOIS



# CRANE

*modern kitchen equipment*

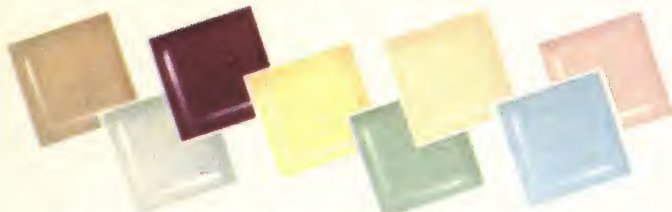




# there's nothing finer than a Crane *Preferred* kitchen



## Crane colored fixtures



Crane kitchen sinks are available in white and eight attractive pastel colors which permit a wide variety of decorative schemes. These colors are Sun Tan, French Grey, Persian Red, Citrus Yellow, Pale Jade, India Ivory, Sky Blue and Shell Pink. All Crane colors possess a uniform quality and brilliance because they are fused into the smooth glaze of the fixtures and there is no possibility of fading.

## Crane equipment for your bathroom



The same high quality and styling that characterize Crane kitchen fixtures are available in bathroom fixtures. The Crane line includes a wide choice of matched groups and individual fixtures to meet every need and every budget. Crane also offers a complete selection of bathroom accessories.

Don't settle for anything less than a Crane *Preferred* kitchen — a modern, step-saving kitchen center around a sparkling Crane *quality* sink. Here's why.

Crane sinks are of one-piece cast iron construction with glistening acid-resisting porcelain enamel finish that means lasting beauty. Corners are smoothly rounded, and there are no cracks or crevices to harbor dirt. To clean, you merely wipe with a damp cloth.

Recessed drainboards keep water from surging over the rim, and there is a convenient ledge for glass or other kitchen equipment. A four-inch back panel protects the wall — permits a neater installation under low windows.

And the most beautiful cabinets you've ever seen made of glistening enameled steel with special features and the very best of accessories.

Furthermore, you'll find the Crane Dealer has everything you need to make the kitchen a modern, efficient work center — ranges, garbage disposals, ventilating fans, water heaters and water treatment equipment — even glistening white laundry trays for the combination kitchen-laundry room. His expert installation assures lasting service and satisfaction.

## Deluxe features are regular equipment

**Dial-ese controls**—one of the biggest convenience features of all Crane sinks. This exclusive Crane engineering advancement lets you turn faucets on and off with finger-tip pressure. But most important, because *Dial-ese* faucets operate so easily, wear and consequent dripping are reduced.

**Handy Hose spray** is another extra that really saves time. Has many uses in the preparation of food and in dishwashing. Just pull it out, press the thumb-action control, and there's water where you want it.

Basins of all Crane sinks are equipped with patented **Receptol** wastes which have large cup strainers that are easily removed and emptied. A twist and the *Receptol* waste is back in position.



## Crane equipment for your heating system



Regardless of the type of heating preferred or the fuel to be burned, the complete heating line includes all equipment — furnaces, radiant baseboard panels, radiators, convectors, oil and gas burners, stokers, controls, water specialties, pipes, and fittings.



# the *Kitchen Queen* kitchen

**KITCHEN QUEEN SINK 5-40-S**—Double-basin, double-board sink made of finest acid-resisting porcelain enameled cast iron. The beveled fixture panel, 4-in. high depressed drainboards and two soap depressions combine to make this sink the last word in sink styling.

Chromium-plated Temple supply fitting has swinging spout and Dial-ese controls. Thumb-action spray with retractable hose.

Sink compartment is equipped with a Receptol waste removable cup strainer. Outlet accommodates electric garbage disposer, if desired.

Attractive Kitchen Queen cabinet is made of steel, chromium-plated for corrosion resistance, and has a lustrous baked enameled finish. Handles and knobs are chrome-plated. Rubber bumpers at all points of contact protect cabinet finish and give quiet action. Recessed toe space for comfort.

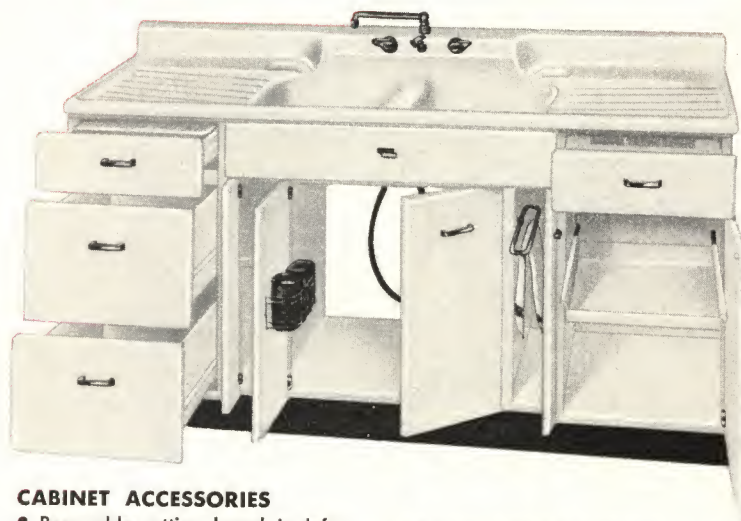
Sliding, double-faced drawers are sound insulated and supported on steel channels for sturdiness and smooth operation. Interlocking roller type slides hold drawers shut. Drawers are easily removed for cleaning.

Acting, double-faced doors are also sound insulated. Paired toggle spring hinges hold doors in open or closed position.

Size: 72 x 25 1/4 in.

Basins: 18 x 16 x 8 in.

Overall size: 70 3/4 x 24 3/4 in. Height: 34 3/4 in. (sets sink 36 in. from rim).

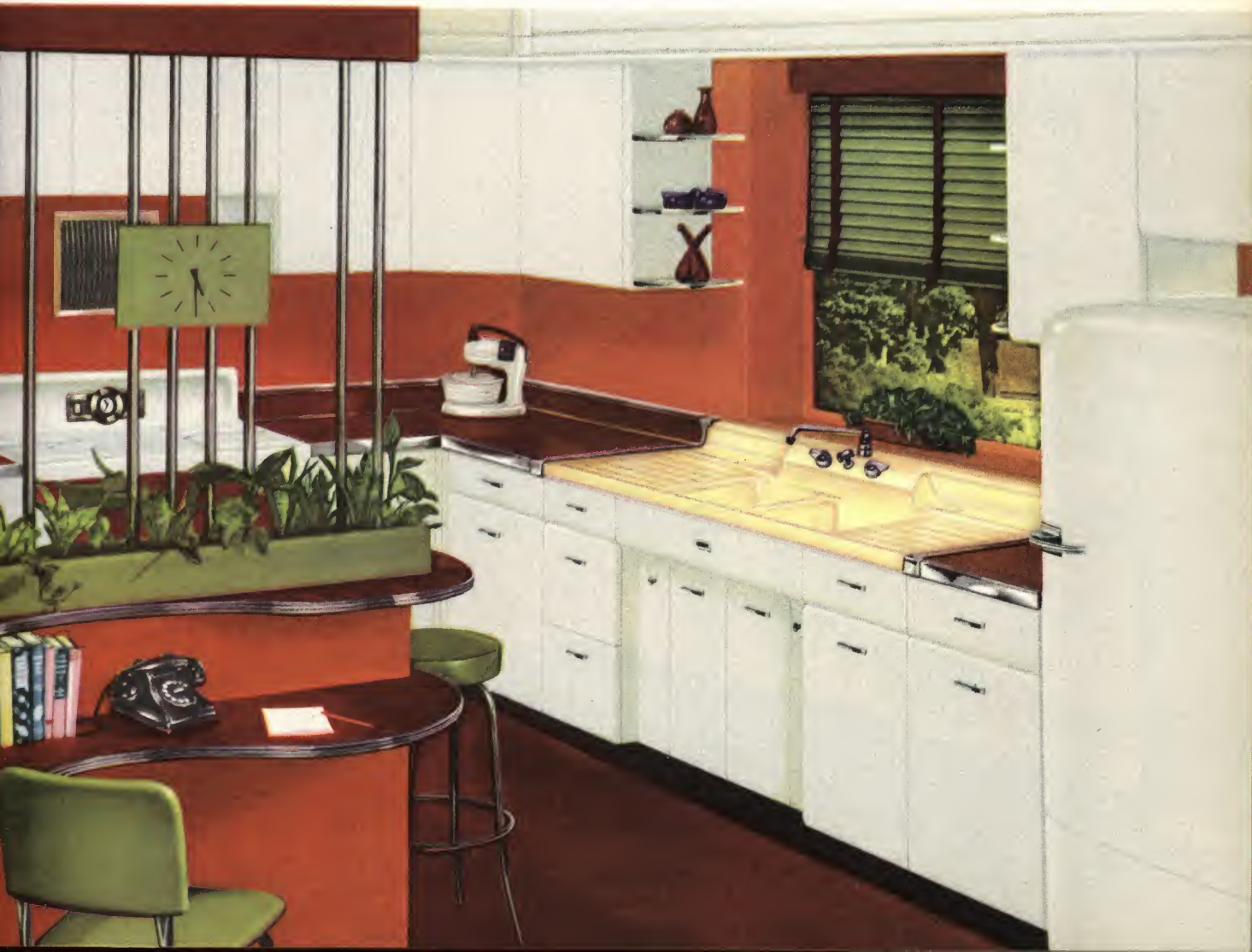


## CABINET ACCESSORIES

- Removable cutting board in left-hand top drawer.
- Removable cutlery tray in right-hand top drawer.
- Wire utility basket on large left-hand door, under basins.
- Removable shelf in small compartment at left-hand side.
- Sliding towel rack in small compartment at right-hand side.

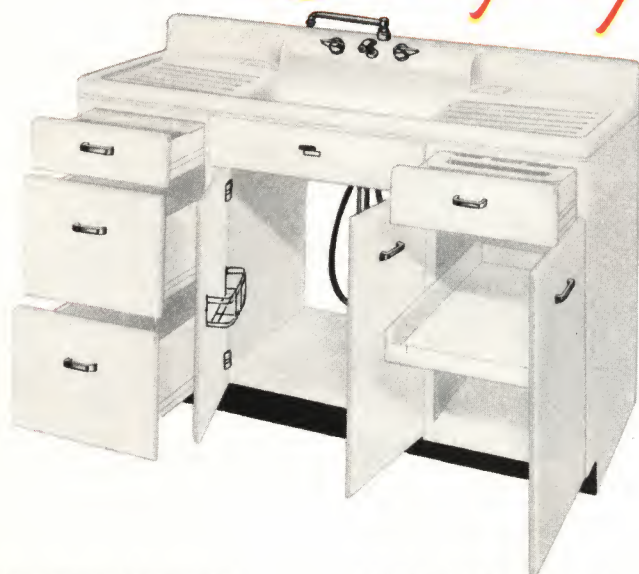
## CABINET ARRANGEMENT

- Two shallow roller drawers.
- Two deep roller drawers.
- One cupboard with roller tray on right-hand side.
- Large cupboard and utility space under basins.
- Two small compartments under basins.





# the *Sunnyday* kitchen



## CABINET ACCESSORIES

- Removable cutlery tray in right-hand top drawer.
- Removable cutting board in left-hand top drawer.
- Wire utility basket on left-hand door.

## CABINET ARRANGEMENT

- Two shallow roller drawers.
- Two deep roller drawers.
- One cupboard with roller tray on right-hand side.
- Large cupboard and utility space under basin.

**SUNNYDAY SINK 5-50-S**—Popular single-basin, double-drainboard sink of acid-resisting porcelain enameled cast iron. 4-in. high back, two soap depressions, beveled fixture panel. Drainboards are depressed to keep water from surging over the rim.

Chromium-plated Temple supply fitting has swinging spout and Dial-ese controls. Thumb-action spray with retractable rubber hose.

The Sunnyday sink comes equipped with a Receptol waste with the handy removable cup strainer. Outlet accommodates electric garbage disposer, if desired.

The efficiency planned Sunnyday cabinet is made of steel, bonderized for corrosion resistance, and has a lustrous white baked enameled finish. Handles and knobs are chromium plated. Rubber bumpers at all points of contact protect cabinet finish and allow quiet action. Recessed knee and toe space allows greater comfort while working.

Smooth-gliding, double-faced drawers are sound insulated and supported on steel channels for sturdiness. Interlocking roller-type slides hold drawers firmly shut. Drawers are easily removed for cleaning.

Easy-acting, double-faced doors are sound insulated with a rust-resistant material. Concealed toggle spring hinges hold doors in open or closed position.

Sink sizes: 54 x 25 $\frac{1}{4}$  in. Basin: 20 x 18 x 8 in.  
60 x 25 $\frac{1}{4}$  in. 22 x 18 x 8 in.

Cabinet sizes: 52 $\frac{3}{4}$  x 24 $\frac{3}{4}$  in. Height: 34 $\frac{3}{4}$  in.  
58 $\frac{3}{4}$  x 24 $\frac{3}{4}$  in. (Sets sink 36 in. floor to rim.)





# the *Kitchen Pride* kitchen

**KITCHEN PRIDE SINK 5-44-S**—Compactly styled, finest acid-resisting porcelain enameled cast iron sink with two 8-in. deep basins. Features a 4-in. high back to protect the walls, beveled fixture panel and two soap depressions.

Chromium-plated *Temple* supply fitting has swinging spout and *Dial-ese* controls that turn with finger-tip pressure. Thumb-action spray with retractable rubber hose reaches every corner of the sink.

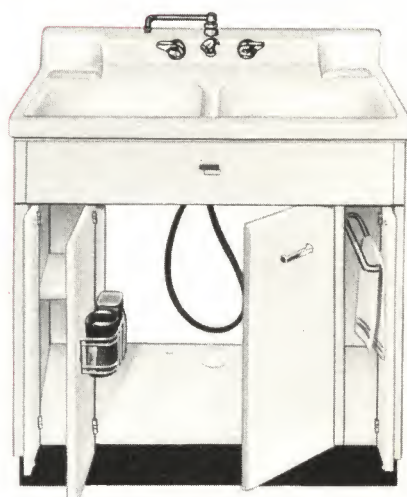
Each sink compartment is equipped with a *Receptol* waste with removable cup strainer. Outlet accommodates an electric garbage disposer, if desired.

The attractive and compact *Kitchen Pride* cabinet is made of steel, bonderized for corrosion resistance, and has a lustrous white baked enameled finish. Handles and knobs are chromium plated. Rubber bumpers at all points of contact protect the cabinet finish. Recessed knee and toe space across entire cabinet front for working comfort.

Easy-acting, double-faced doors are sound insulated. Concealed toggle spring hinges hold doors in open or closed position.

Like all Crane cabinets, welded construction, with ample bracing and extra heavy gussets at strategic points, assure strength and sturdiness.

Sink size: 38 x 25¼ in. Basins: 18 x 16 x 8 in.  
Cabinet size: 36¾ x 24¾ in. Height: 34¾ in.  
(Sets sink 36 in. floor to rim.)



## CABINET ACCESSORIES

- Removable shelf in small compartment at left-hand side.
- Sliding towel rack in small compartment at right-hand side.
- Wire utility basket on large left-hand door.

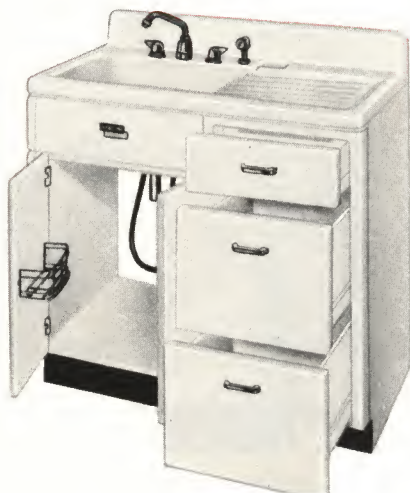
## CABINET ARRANGEMENT

- Large cupboard and utility space.
- Two small compartments.





# the *Homemaker* kitchen



## CABINET ACCESSORIES

- Removable cutlery in top drawer.
- Wire utility basket on left-hand door.

## CABINET ARRANGEMENT

- One shallow roller drawer.
- Two deep roller drawers.
- Large cupboard and utility space under basin.

**HOMEMAKER SINK 5-82-S**—Single-basin, single-drainboard beauty of a sink, made of finest acid-resisting porcelain enameled cast iron. Quality features include 4-in. high back, ledge for glasses, soap depression. The chromium plated *Embassy* supply fitting has a swinging spout and exclusive *Dial-ese* controls. There is also a thumb-action spray with retractable rubber hose and a *Receptol* waste with removable cup strainer. If desired, the *Homemaker* may be equipped with an electric garbage disposer. Specify *Homemaker 5-81-S* for left-hand drainboard model.

The *Homemaker* cabinet is made of steel, bonderized for corrosion resistance, and has a lustrous white baked enameled finish. Handles and knobs are chromium plated. Rubber bumpers at all points of contact protect the cabinet finish. Recessed knee and toe space for comfort.

Smooth-gliding, double-faced drawers are sound insulated. Interlocking roller type slides with stops hold drawers firmly shut. Drawers are easily removable for cleaning.

Easy-acting, double-faced doors are sound insulated with a material that is also rust-resistant. Concealed toggle spring hinges hold doors in open or closed position.

Sink size: 42 x 25¼ in.

Basin: 20 x 18 x 8 in.

Cabinet size: 40¾ x 24¾ in. Height: 34¾ in.

(Sets sink 36 in. floor to rim.)





# Sunnycrest Sink

**SUNNYCREST SINK 5-100-S**—Finest acid-resisting porcelain enameled cast iron sink with 8-in. deep basin, depressed drainboards and 4-in. high back. There is a ledge for glasses and two handy soap depressions. Striking chromium-plated Embassy supply fitting has a hanging spout and exclusive Crane Dial-ese controls. A Receptol waste with removable cup strainer is also provided. Outlet accommodates electric garbage disposer, if desired.

Attractive Sunnycrest cabinet is made of steel, bonderized for corrosion resistance, and has a lustrous white baked enamel finish. Double-faced doors and drawers are sound lined with a material that is also rust-resistant. Interlocking roller type slides with stops hold drawers firmly in place. Concealed toggle spring hinges hold doors in open position. Rubber bumpers are installed at all points of contact. Recessed toe space.

Sizes: 54 x 22½ in.,  
60 x 22½ in.,  
66 x 15 x 8 in.,  
72½ x 15 x 8 in.  
Net sizes: 52¾ x 22 in.,  
58¾ x 22 in.  
Height: 34¾ in.  
(sink 36 in. floor to rim.)



## CABINET ACCESSORIES

- Wire utility basket on left-hand door.

## CABINET ARRANGEMENT

- Two shallow roller drawers.
- Two deep roller drawers.
- One cupboard with shelf on right-hand side.
- Large cupboard and utility space under basin.

**STEWARDESS SINK 5-103-S**—Made of finest acid-resisting porcelain enameled cast iron with a single 8-in. basin, depressed drainboard and 4-in. high back. Features a convenient ledge for glasses and a handy soap depression. The chromium-plated Embassy supply fitting has a hanging spout and exclusive Crane Dial-ese controls that operate with finger-tip pressure. Basin equipped with Receptol waste with removable cup strainer. Outlet accommodates electric garbage disposer, if desired. Also available in right-drainboard model as Stewardess 5-106-S.

Modern Stewardess cabinet is made of steel, bonderized for corrosion resistance, and has a lustrous white baked enamel finish. Double-faced doors and drawers are sound lined with a material that is also rust-resistant. Interlocking roller type slides with stops hold drawers firmly in place. Concealed toggle spring hinges hold doors in open position. Rubber bumpers at all points of contact cabinet finish. Recessed toe space.

Size: 42 x 22½ in.  
60 x 15 x 8 in.  
Net size: 40¾ x 22 in.  
Height: 34¾ in.  
(sink 36 in. floor to rim).

## CABINET ACCESSORIES

- Wire utility basket on left-hand door.

## CABINET ARRANGEMENT

- Two shallow roller drawers.
- Two deep roller drawers.
- One cupboard and utility space under basin.



# Stewardess Sink





## *built-in sinks and counter-tops*

If your plans call for a continuous counter-top kitchen arrangement, you can have a Crane sink and counter-top combination built to your specifications. Shown here is everything you need to make a counter-top kitchen of convenience and beauty.



Here is a fine example of the utility possible in a custom counter-top arrangement. In this attractive layout, the All-American double-basin sink is shown with an under-sink cabinet. Matching base cabinets flank the under-sink cabinet, and the entire grouping becomes a built-in unit with a continuous counter-top. The U-shaped grouping shown is only one of the attractive arrangements possible with a Crane built-in sink, matching cabinets and a custom counter-top.



**THE ALL-AMERICAN SINK 5-124-S**—The finest counter-top sink available. One-piece, finest acid-resisting porcelain enameled cast iron construction. Two 8-in. deep basins and 4-in. high back. Chromium-plated Temple trim with lever handle Dial-ese controls, swinging spout and retractable hose spray. Outlets accommodate electric garbage disposer, if desired.

Sink size: 38 x 22 in. Basins: 17 x 15½ x 8 in.

**THE SINK**—Crane offers a wide selection of flat rim sinks designed especially for installation in your choice of counter-top. These modern flat rim sinks are all Crane quality, made of finest materials with such exclusive features as Dial-ese controls and Receptol wastes. Available in single and double-basin models.

**THE COUNTER-TOPS**—Counter-tops are also available from Crane, custom built to your specifications whether straight, L-shaped or U-shaped, with or without back splash. The selection of color and material is complete. Choose linoleum, plastic, stainless steel, or maple.

**THE UNDER-SINK CABINET**—Under-sink cabinets used in conjunction with counter-tops are regulars from the Crane line. You need only choose the under-sink cabinet you desire. Double-basin sinks, of course, require a double-basin size cabinet.

**BASE CABINETS**—The modern base cabinets shown in these typical arrangements are designed especially to allow flexible arrangements. They may be arranged to create the effect and convenience you desire.



**5-251-S COMBINATION**—The attractive double-basin sink in this counter-top unit is the 5-131-S, made in one piece of finest acid-resisting porcelain enameled cast iron. Has chromium-plated Embassy trim with Dial-ese control and handy Receptol wastes. The unit comes complete as shown with Crane-Line Kitchen Queen cabinet and Formica on wood core counter-top.

Size: 72 x 25¼ in. Basins: 14¼ x 15½ x 8 in. Back: 4 in.

### **Types of Counter-Tops**

**WOOD CORE**—Unless otherwise specified, counter-tops will be supplied with wood core. Plastic or linoleum covered. Semi-flush stainless steel trim.

**STEEL CORE**—If desired, counter-tops are available with steel core. Plastic, Vinyl or linoleum covered.

**STAINLESS STEEL**—For those installations where a stainless steel counter-top is desired, Crane can supply lengths and patterns to suit.

**MAPLE CUTTING TOPS**—May be joined into a continuous top of either linoleum, Formica or Textolite if desired.



# continuous installations



**5-254-S COMBINATION**—Compactly styled with the 5-136-S single-basin sink. This quality sink is also one-piece construction, made of finest porcelain enameled cast iron. Has chromium-plated *Embassy* trim with *Dial-ese* controls and handy *Receptol* waste. Completing this modern combination is the Crane-Line *Homemaker* cabinet and a Formica on wood core counter-top. Available in left-hand drainboard model as 5-253-S.

Size: 42 x 25¼ in. Basin: 21½ x 15½ x 8 in. Back: 4 in.



**5-252-S COMBINATION**—Features the 5-146-S single-basin sink which is made of formed metal, porcelain enameled. Also has chromium-plated *Embassy* trim with *Dial-ese* controls and a handy *Receptol* waste. The attractive cabinet is the Crane-Line *Sunnyday*. The counter-top is Formica on wood core.

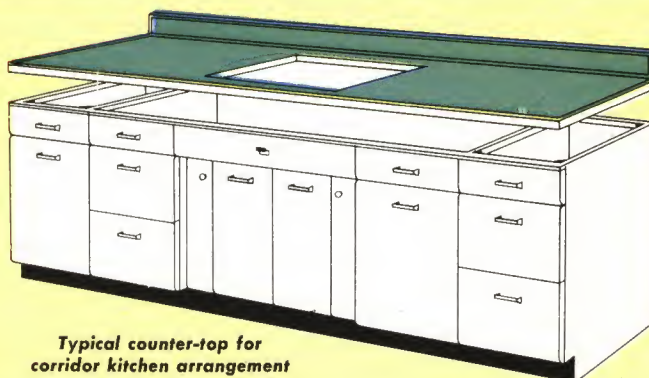
Sizes: 60 x 25¼ in. Basin: 21 x 15 x 8 in. Back: 4 in.  
54 x 25¼ in. 21 x 15 x 8 in. 4 in.

## Colors and Materials

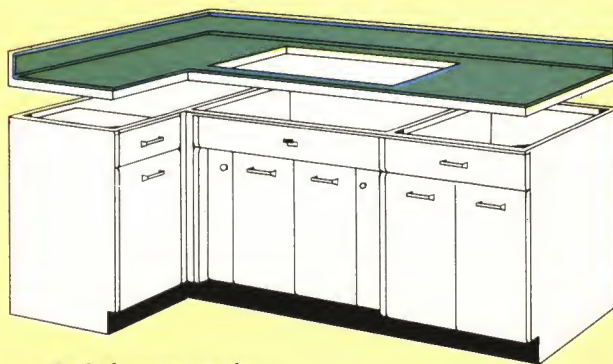
**LINOLEUM**—Wide selection of colors to choose from including reds, greens, blues, yellow, black, terra cotta, tan and brown.

**TEXTOLITE**—Available in reds, blues, greys, greens, brown, slate, tan and fawn.

**FORMICA**—Choose from greys, blues, green, reds, tans, and yellow.



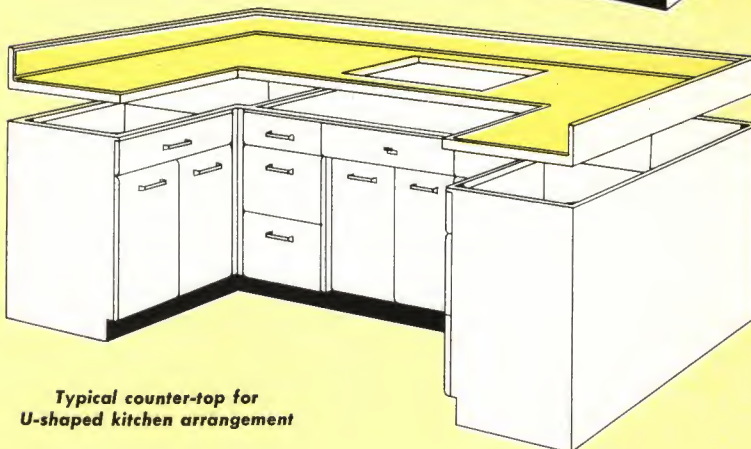
Typical counter-top for corridor kitchen arrangement



Typical counter-top for L-shaped kitchen arrangement

## CUSTOM COUNTER-TOPS

Your Crane Dealer can supply a counter-top to fit your kitchen exactly. These break-away illustrations show how the one-piece counter-top is made to fit on your choice of base cabinets. Notice that counter-tops are available in straight, L-shaped or U-shaped designs. Individual tops for base cabinets or sink cabinets are also made to your specifications.

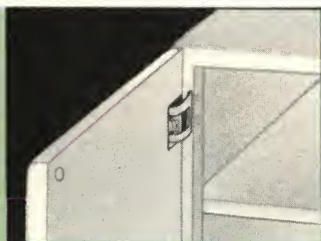


Typical counter-top for U-shaped kitchen arrangement

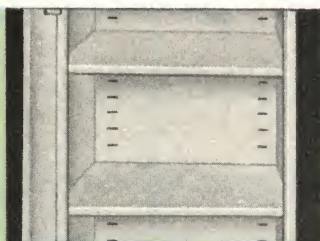


# Crane-Line *matching wall and base cabinets*

Here is the answer to your kitchen storage problems—sparkling new Crane-Line cabinets to make any kitchen a model of efficiency and utility. They are functional in design and possess construction features not found in ordinary cabinets. Both wall and base models are made of highest quality steel, bonderized for corrosion resistance, and have a durable, sanitary and lustrous baked white enamel finish that is easy to keep clean and bright. Attractive, well-rounded edges minimize chipping of enamel. Note, too, the manner in which cabinets may be placed side by side without filler strips. This is possible because all doors open to 90°—the face of the door does not extend beyond the side of the cabinet. In fact, the many models and sizes of Crane Line wall and base cabinets permit you to arrange them any way you may desire.



Easy-acting, double-faced drawers and doors are sound insulated with a material that is also rust resistant. Rubber bumpers minimize sound. Toggle spring hinges hold doors in open or closed position.



White baked enameled steel shelves on all wall cabinets are adjustable—easily removed for cleaning. Holes are conveniently located at back for supporting screws.



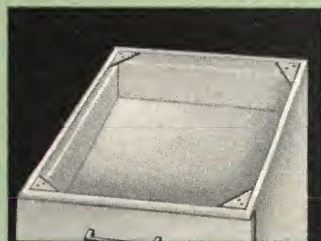
All Crane-Line wall cabinets are provided with a convenient finger recess, eliminating handle hardware on the face of the door, simplifying cleaning.



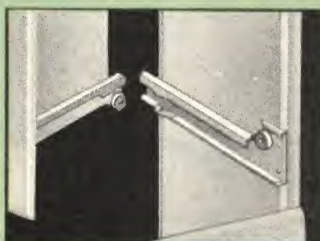
Recessed back design is an important feature. End panel contact the wall—minimizes vibration difficulties encountered on even wall surfaces.

## **features of Crane-Line cabinets**

Welded construction, with ample bracing and extra heavy gussets at strategic points, provides strength and sturdiness. Gussets are provided with holes for attachment of work tops.



Drawers are supported on formed steel channels with interlocking roller type slides with stops—keep drawers firmly closed. Non-metallic roller bearings and rubber bumpers for quietness.



Handles are of modern design and practical shape, and heavily chromium-plated for attractive appearance. Positioned for perfect line-up with under-sink cabinet.



Modern recessed toe base for comfort while standing. Perfectly the design of under-sink cabinets. Smooth edges on doors and





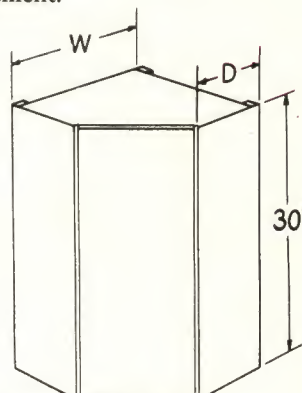
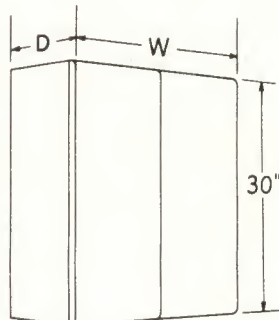
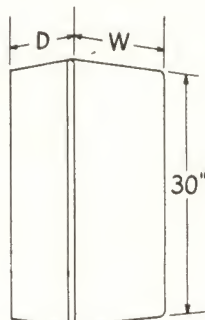
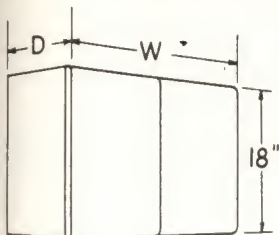
# Crane-Line Cabinet

*sizes*

Crane-Line Wall and Base Cabinets are available in sizes to meet the requirements of any kitchen plan. Illustrated here is the complete line with dimensions listed. These overall dimensions will assist you in determining the best grouping for your kitchen.

Base cabinets do not regularly include work tops. Your choice of counter-top may be selected from the listing on previous page. They are available for the individual cabinet or any group of cabinets in your particular kitchen arrangement.

## Wall cabinets



**5-576**  
Two Doors and One Shelf

WIDTH	21"	24"	30"	36"
DEPTH	13"	13"	13"	13"

**5-570-R—Right-Hand Hinge**  
**5-570-L—Left-Hand Hinge**  
Single Door and Two Shelves

WIDTH	15"	18"
DEPTH	13"	13"

**5-573**  
Two Doors and Two Shelves

WIDTH	21"	24"	27"	30"
DEPTH	13"	13"	13"	13"

**5-579-R CORNER—Right-Hand Hinge**  
**5-579-L CORNER—Left-Hand Hinge**  
Single Door and Two Shelves

WIDTH	23½"
DEPTH	13"

## Base cabinets

**5-550-R CORNER—Right-Hand Hinge**  
**5-550-L CORNER—Left-Hand Hinge**  
Corner Shallow Drawer and Cupboard with Single Door and Shelf at Center

WIDTH	40¾"
DEPTH	22"

**5-556**  
One Shallow Drawer and Two Deep Drawers

WIDTH	18"	18"	24"
DEPTH	22"	24¾"	24¾"

**5-550-R—Right-Hand Hinge**  
**5-550-L—Left-Hand Hinge**  
One Shallow Drawer and Cupboard with Single Door and Shelf

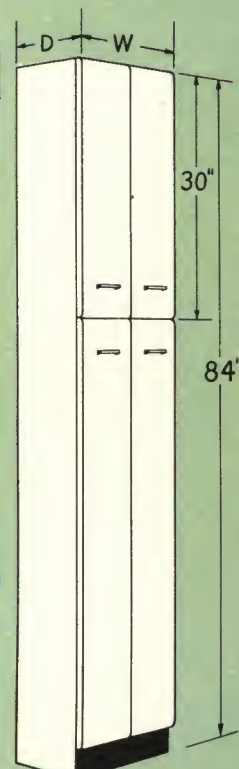
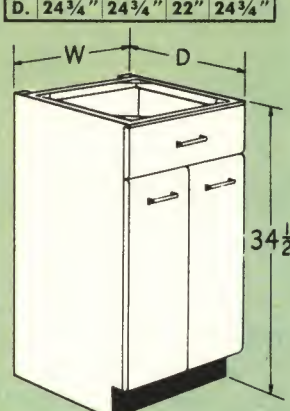
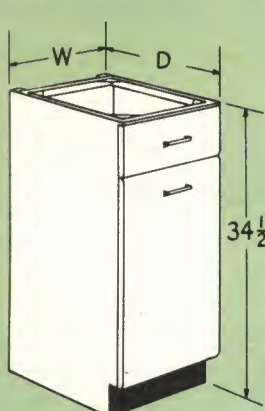
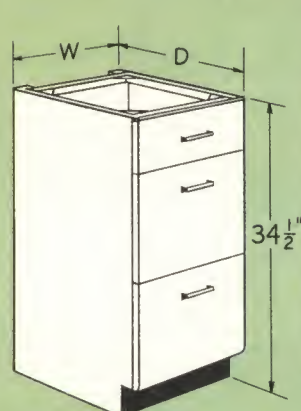
WIDTH	15"	15"	18"
DEPTH	22"	24¾"	24¾"

**5-553**  
One Shallow Drawer Cupboard with Two Doors and Shelf

WIDTH	21"	21"	24"
DEPTH	22"	24¾"	22"
W.	24"	27"	30"
D.	24¾"	24¾"	22"

**5-568 UTILITY—Four Doors and Six Shelves**  
**5-566 IMPLEMENT—Four Doors, Two Shelves and Implement Hooks**

WIDTH	21"
DEPTH	13"





*the easy way to plan with*

# Crane *Preferred* kitchens

Here's how to gain the step-saving convenience of a modern Crane cabinet kitchen with minimum effort — minimum expense. Choose a Crane *Preferred* Kitchen ensemble, planned especially for quick, easy installation in any kitchen without the need of extensive remodeling and other inconvenience.

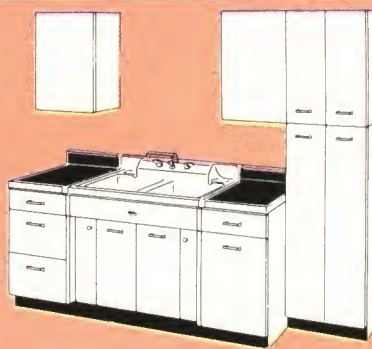
There is probably an ensemble illustrated that will fit your kitchen to a "T." However, cabinets shown in these selected ensembles may be rearranged if desired, or you may choose other types and sizes to suit your individual requirements.



**ENSEMBLE A**—Wide and handsome with the Kitchen Queen double-basin double-drainboard sink and under-sink cabinet in the center. In addition, there are two wall cabinets and base cabinets. Measures 10 feet overall. Truly a beauty, if space permits.



**ENSEMBLE H**—10 feet long and all utility. Ensemble includes All-American double-basin sink with Kitchen Queen under-sink cabinet, Dish-a-matic dishwasher unit and Waste-King Pulverator. A practical combination with ample counter-top and wall cabinets.



**ENSEMBLE C**—Double-basin Kitchen Pride sink and under-sink cabinet with a planned grouping of wall and base cabinets afford big kitchen utility in minimum space—93½ inches, to be exact.

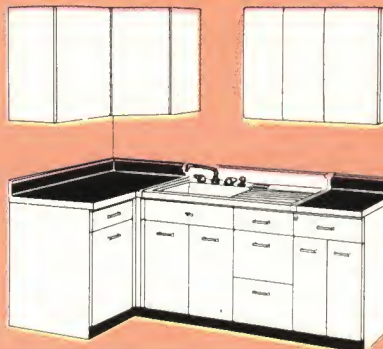


**ENSEMBLE D**—For the corner plan, consider this ensemble which incorporates the compact Homemaker single-basin, single-drainboard sink and under-sink cabinet. The ensemble requires 86½ inches on the sink wall—83½ inches on the adjoining wall.

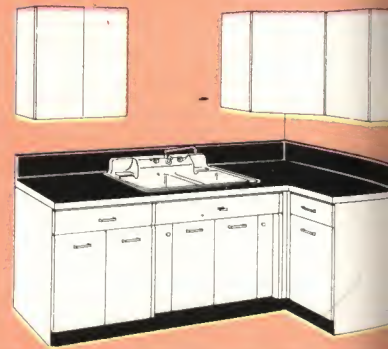
**ENSEMBLE E**—If space is the problem, Ensemble E with the Sunnycrest single-basin, double-drainboard sink and under-sink cabinet may be the solution. You can expand on this group, of course, if you like. As is, overall measurements are 75 inches with 54-inch sink—78 inches with 60-inch sink.



**ENSEMBLE F**—Another well planned ensemble for the corner layout. Features the budget-priced Stewardess single-basin, single-drainboard sink with under-sink cabinet that provides adequate storage and work area for an average sized home. Measures 89½ inches on the sink wall—41½ inches on adjoining wall.



**ENSEMBLE G**—Here the double-basin All-American sink with Kitchen Pride under-sink cabinet installed in a continuous counter-top. Planned storage space below and above completes this interesting ensemble. 88¾ inches required on sink wall—41½ inches on adjoining wall.



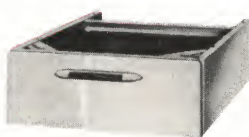


# Electric Range

More than twenty-five arrangements are possible with the new Universal automatic electric Select-a-Range. Each unit is self-contained and may be installed individually or in any combination desired. Blends perfectly with Crane-Line base and wall cabinets. Start with an economy arrangement—add to it later. Note how the oven may be placed at the “convenience level” height to eliminate stooping and bending. It's a homemaker's dream—and easily financed because of its built-in design.



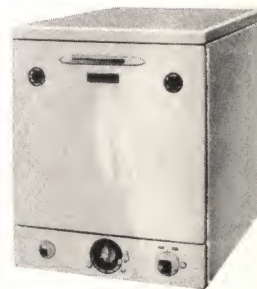
Oven Unit 20 in. wide x 25 1/8 in.  
front to back x 24 1/4 in. high.  
Cooking Unit 20 in. wide x 25 1/8 in.  
front to back x 9 in. high.  
Drawer Unit 20 in. wide x 25 in.  
front to back x 7 3/8 in. high.



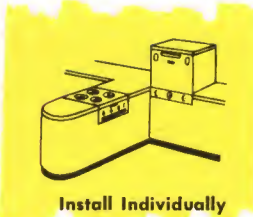
RA9403 Storage Drawer Unit has drawers mounted on brass runners and fitted with rubber bumpers for quiet operation. RA9405 Storage Drawer Unit is similar in construction but has steel sub-base with recessed toe space.



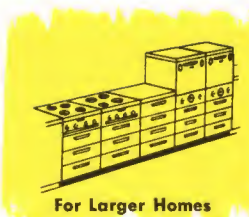
RA9402 Platform Surface Cooking Unit has four Super-heat Monotube units. Heating plates swivel-mounted, easily cleaned. Heat control has seven positions from slow simmer to hard boil. Removable drip tray. Counter plate also available.



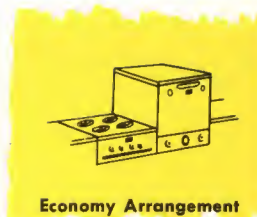
RA9401 Oven has automatic push-button pre-heat and automatic timer. Smokeless broiler equipped with pan. Minut-Minder times any kitchen task. Temperature control assures balanced oven heat.



Install Individually



For Larger Homes



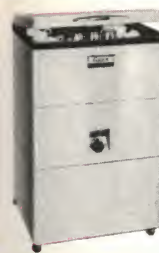
Economy Arrangement

# Dishwasher

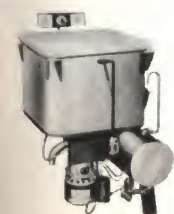
Now you can choose a famous *Apex* dishwasher to fit your space—and your budget. Each of the models shown here has the famous built-in water heater and will automatically—and quietly—wash, rinse and dry all dishes, glassware and silverware for a family of five or six at one time.



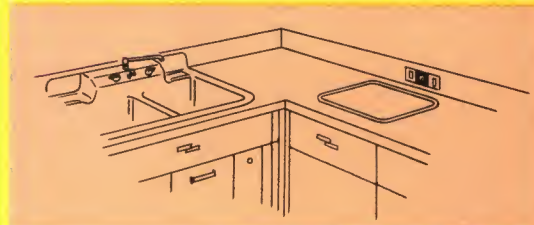
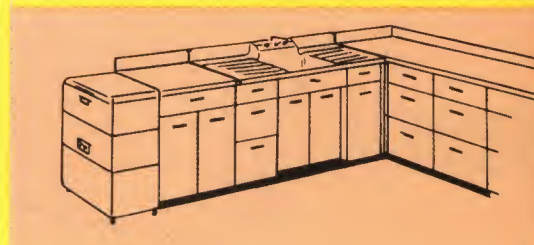
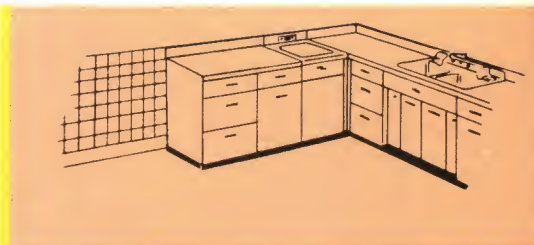
**Model 970**—Designed as a free-standing unit to be installed separately or in conjunction with Crane-Line base cabinets. Beautiful white baked enameled steel cabinet with acid-resisting porcelain enameled steel lid. Removable front panel. Also available with 14-inch diameter, heat-proof “look-in” lid and illuminated interior as Model 970-1. Width 24 in., depth 25 in., floor to top of rim 36 in.



**Model 890**—Roll-a-Way model requires no special installation. With one setting of the dial, full service for a family of five is automatically washed, rinsed twice and dried—all in 30 minutes. Cabinet is all-steel with white baked enamel finish. Cover and tub are white laminated Fiberglas. Heavy-duty pump. Rolls free on rubber casters. Uses 3 1/2 gallons of average temperature hot water. Width 24 in., depth 17 in., floor to top 36 in.



**Model 990**—Drop-in model for installation in continuous work surfaces in conjunction with Crane-Line base cabinets. Easily installed by means of polished aluminum mounting ring and gasket to provide a water-tight seal. Porcelain enameled steel lid is only part visible when closed. Timer control panel mounts on wall, back splash or on front of cabinet of your choice.





# garbage disposers

**IN-SINK-ERATOR**—All food wastes are quickly carried away by In-Sink-Erator's automatic whirlpool. Patented reversing action doubles life of shredding elements—also adds a unique self-cleansing feature. Safety baffle shields opening, preventing back-splash and affording quieter operation. Easily installed in any Crane sink.

**WASTE KING PULVERATOR**—Operates in three simple steps. Turn on the water—Flip the switch—Scrape all food wastes into the drain opening. The continuous feed principle of the Waste King allows all food waste to go into the unit at the same time. There is no sorting of waste—no stopping and starting. Precision made.



Automatic garbage disposers fit neatly out of the way in cabinet under sink basin.

# Crane Laundrette

Protect clothes with this new, sparkling white laundry tray. There are no sharp edges or rough surfaces to snag those silks and nylons—that's because it's made of Duraclay, the exclusive Crane vitreous glazed earthenware material. The Laundrette will also bring new efficiency and brightness to your laundry room. It has two large capacity tubs, a molded-in washboard, a handy shelf and many other outstanding features, including Dial-ese controls and swing spout. The 6-111 Laundrette is made in 36 and 42 in. sizes.



Or you may prefer the 22 in. 6-113 single compartment model, ideal for use with an automatic washer.

## VENTILATING FANS

**CR-20 BUILT-IN TYPE**—Quickly moves grease, steam, heat and objectionable odors given off from cooking and dishwashing. Also ideal for bathroom, laundry and garage room. Weather-tight door automatically opens when fan is actually on by pull chain. Also available in wall switch models as CR-30. Portable models also available.





# Crane-Line *water heaters*



**CRANE-LINE SUPERIOR**  
Gas-fired water heater. Available in 20, 30 and 40-gallon sizes.

**CRANE-LINE KEYSTONE**  
An excellent gas-fired water heater for the average home. 20, 30 and 40-gallon sizes.

**CRANE-LINE CHAMPION**  
Low initial cost—low upkeep with this quality gas-fired heater. 20, 30 and 40-gallon sizes.

**CRANE-LINE SELECTRIC**  
Efficient electric water heater. Made in 30, 40, 52, 66, 80 and 100-gallon sizes.

Enjoy around-the-clock hot water service with any of these quality Crane-Line water heaters. They are modern in design, completely safe and offer many exclusive features that you will appreciate. Your Crane Dealer will gladly explain the advantages of each heater and help you choose the proper model for your particular requirement.

## RANGES

The Beautyrange is a most attractive gas range to be right at home in a new Crane kitchen. One-piece china-white porcelain top. Seamless oven with bright chrome-finished linings. Features Hi Broiler and Barbecuer. Many other features to help lighten cooking tasks. Available for use with natural, manufactured or bottled gas. Electric models also available.



## *water treating equipment*

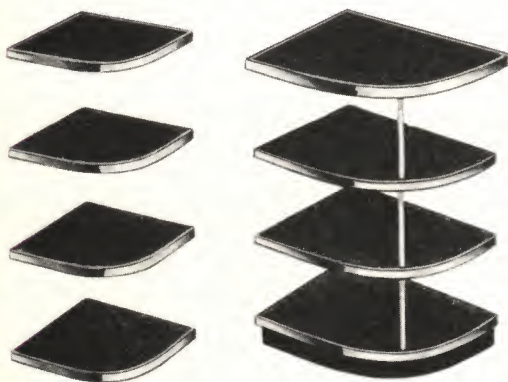


**CRANE-LINE SOFTENALL**—Attractive, highly efficient water conditioner softens the hardest of fresh waters and also removes light sediment, iron and manganese simultaneously with the softening process. Tanks are made of heavy grade steel, electrically welded. Salt tank capacities from 90 to 220 pounds.

**CRANE-LINE FILTER, PURIFIER AND NEUTRALIZER** for treating waters with high iron content, odors, tastes and acids. Filters sediments, iron rust, turbidity. Removes undesirable tastes, odors and color from water, especially those caused by organic matter or decaying vegetation. Neutralizes acid waters to the alkaline side. Galvanized steel tank. A size for every home.

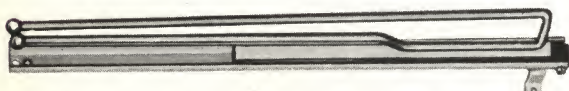


## cabinet accessories



**5-289**—These corner shelves are designed to finish off the end of wall cabinets and provide a handy place for clock, calendar or small objects. Ideal for small plants or vines. For semi-circular shelves, specify 5-286.

**5-280**—Used at the end of a breakfast bar or of a row of base cabinets, these shelves add to the appearance of a kitchen and provide a convenient place to keep appliances.



**5-610**—Keep towels right at your finger tips. This towel bar fits in under-sink or base cabinets and slides out for added convenience.



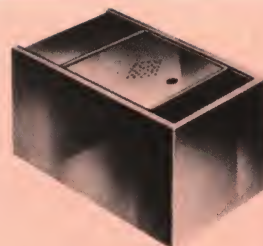
**5-614**—Cup hook racks are easily attached to the under side of any shelf. Sizes to accommodate 6 or 8 cups.



## molding and filler strips



**5-624**—This convenient flour dispenser may be attached to the shelf in any wall cabinet. Dispenser slides out for easy accessibility.



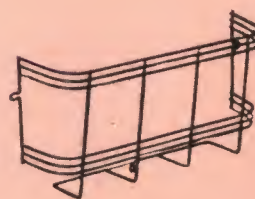
**5-618**—Metal bread box for large drawer in under-sink and base cabinets. Handy sliding top for easy access.



**5-621**—Three-piece cabinet set for flour, sugar, etc. Each bin has own. Fits in large drawers, under-sink and base cabinets.



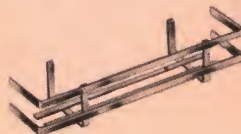
**5-642**—Wire condiment step shelf rack for orderly storage of spices, small boxes, etc. Every item is visible and easily accessible.



**5-633**—Metal rack for convenient storage of pans and lids. May be attached to inside of cabinet doors.



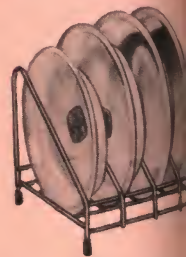
**5-630**—Handy basket for to inside of cabinet doors. May be used for soap, powders, brushes, etc. has bar for dish cloths.



**5-639**—Condiment rack that attaches to inside of cabinet doors. Conveniently holds small boxes and containers; 9 inches wide.



**5-627**—Here's a place to store favorite recipe cards. A handy rack that fastens inside any cabinet door.



**5-636**—Another handy accessory for storing pans and lids. Four compartments; pans and lids 6 to 11 inches in diameter.

**FILLER PIECES** are used with wall cabinets and base cabinets. They are used only in those rare instances where Crane-Line cabinet groupings do not exactly fit the available space. Made of white baked enameled steel. Types for every need.

**MOLDING STRIPS** are used to make the joint between sink rim and counter-top. Available in chromium plate and stainless steel.

# CRANE CO.

CRANE CO. • 836 S. MICHIGAN AVENUE • CHICAGO 5, ILLINOIS



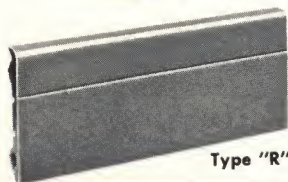
# CRANE

*modern heating equipment*

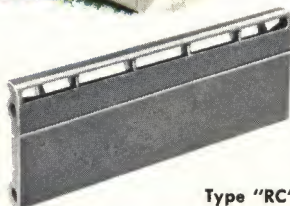




# heat your home through the baseboard with Crane *Radiant* baseboard panels



Type "R"



Type "RC"

Here is home heating at its best, bringing sunny, radiant warmth and a new outlook on room planning. Inconspicuous, easy to install in new homes or old, Crane Baseboard Heating Panels merely take the place of conventional baseboards. Rooms seem larger, more livable, and furniture may be arranged any way you desire.

But most important, Crane Radiant Baseboard Panels bring a new heating comfort—a healthful, radiant warmth that reaches every corner of the room evenly with no "cold spots." Actually, the difference in air temperature is only two or three degrees, even in coldest weather. Note, too, how Crane Radiant Panels may be used at ceiling level. Type "R" Panels are made in 2-foot sections; Type "RC" in 1- or 2-foot sections. When Crane Radiant Panels are not required on all walls, matching wood baseboard can be installed for continuity of appearance. For hot water or steam systems only.





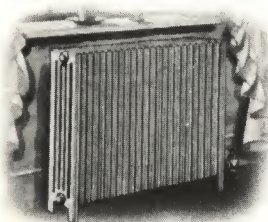
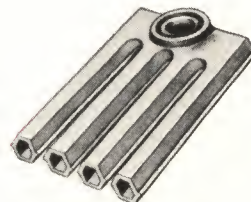
# modern *free-standing* radiation

Crane *Compac* Radiators solve many heating problems. Compactly styled and thoroughly modern in appearance, they require minimum floor space with no sacrifice in heat output. They may be installed as free-standing units or may be recessed into walls if desired.

The design of Crane *Compac* Radiators also makes them extremely efficient. Despite their slim design, they represent no sacrifice of heating surface or heating capacity. The diameter of their cross-sections, the thickness of walls, the ratio of water content to the heating surface, the number of tubes per square foot of floor space . . . make these radiators as effective as they are beautiful.

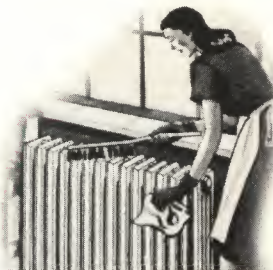
*Compac* Radiators are ideal for new construction or for remodeling. They may replace old-fashioned radiators with little or no change of piping. They are built in sizes to suit every need — in 3, 4, 5, and 6-tube types of 6 to 56 sections, delivered in even numbers of sections only. Heights from 19 to 32 inches.

**BETTER DESIGN.** More beauty, full efficiency. Thin walls, properly proportioned areas . . . all mean the maximum radiation of heat from the hot water or steam circulating inside the radiator.



**ATTRACTIVE APPEARANCE.** Ideal for new homes or for modernization. The modern, slender design of *Compac* Radiators makes them particularly suitable where space is the big problem.

**EASIER TO CLEAN.** *Compac* Radiators are designed with the housewife's cleaning problems in mind — no dirt-trapping grooves. All surfaces are easily accessible to cleaning cloth or brush.





***the ideal heating system for small homes***

## ***the Crane 14 boiler***

Here is the Crane 14 Boiler — an efficient, compact heating unit for small homes. It is designed for steam or hot water heating, and may be easily converted from a hand-fired coal or coke boiler

to a fully automatic gas or oil-fired unit, capable of producing economical, clean, even heat.

The Crane 14 Boiler is of wet base construction with a completely water jacketed combustion chamber. The water circulates not only above the combustion chamber but on both sides and below making maximum use of every particle of heat developed. This type of construction permits the Crane 14 Boiler to be placed on a wood floor with no special insulation needed. And because of the low return connection, installation of a gravity hot water system with the boiler on the first floor is practical—basement installation is not required.

Furthermore, should the home be enlarged, you can increase the capacity of the Crane 14 Boiler if necessary, simply by adding sections.

Size: 21¼" wide x 54¼" high x 15⅝" to 27⅞" long, depending upon number of sections.

Net output rating: Steam — 64,000 to 119,000 b.t.u.; Water — 74,000 to 135,000 b.t.u.

### ***oil fired 14***

When oil-fired and equipped with the deluxe extended jacket shown in the cut-away, the Crane 14 Boiler becomes an attractive addition to any utility or recreation room. If desired, an internal tank or tankless water heater may be installed.

### ***coal fired 14***

Here is how the Crane 14 Boiler looks when installed for the hand firing of coal. It will provide efficient, low-cost heating and is easily converted to automatic oil or gas-firing.

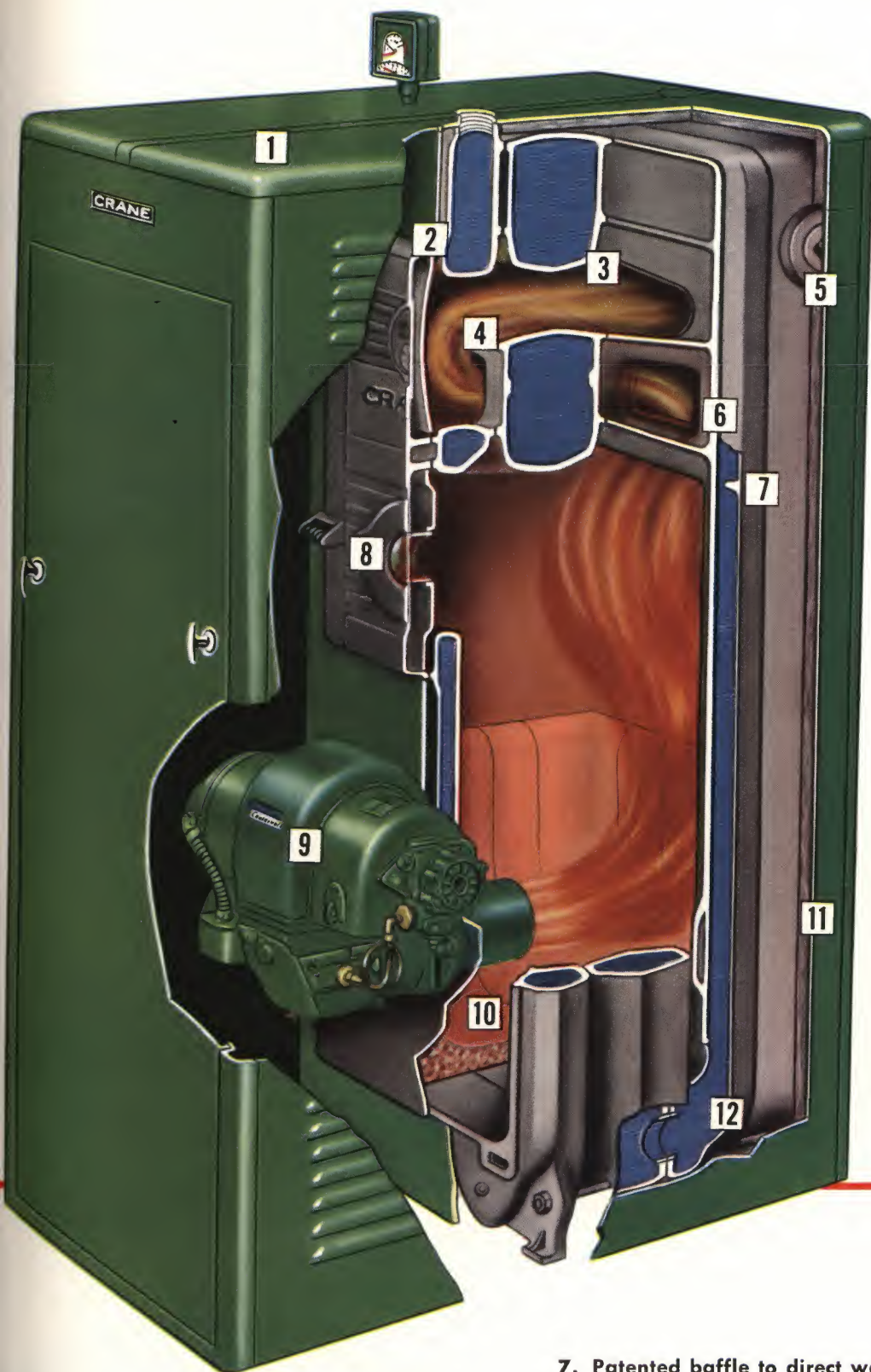


### ***gas fired 14***

If gas is preferred, the Crane 14 Boiler is available with the famous Roberts-Gordon *Spreader-flame* burner. Recognized for its quietness, safety and dependability of operation.







Manufactured in Accordance with A.S.M.E. Code.

1. Jacket extended to conceal burner.
2. Precision-ground joints.
- 3 and 4. Maximum flue ceiling area.
5. Trombone heater opening (both sides).
6. Ground surfaces.

7. Patented baffle to direct water travel.
8. Glass flame observation port.
9. Crane-Line Oil Burner with "full floating" flame. Efficient, economical.
10. Factory molded refractory.
11. Fiberglas insulation.
12. Wet base construction.



# the Crane *16* boiler

## a completely "packaged" heating unit

The Crane 16 Boiler is a "packaged" unit combining both boiler and burner — the whole unit designed for the most efficient burning of oil. Compact in size and attractive in appearance, the Crane 16 is at home in the most modern basement



or utility room. Completely versatile, the Crane 16 is suited to homes of every design, including ranch-type dwellings where a low chimney is desired.

The boiler incorporates the exclusive Sustained Heat Principle and Controlled Water Travel which extract maximum heat from the fuel consumed. Heavy cast iron construction with precision-fitted sections assures long life and safe operation. Gases, soot and dirt cannot escape into the home. Sectional design also permits future expansion of the boiler should the home be enlarged. The pre-cast combustion chamber of factory molded refractory is scientifically shaped to assure maximum efficiency from the burner flame.

The Crane-Line *Conservoil* Burner is specially engineered for the 16, and burner controls are conveniently located in the front of the boiler. The entire unit is enclosed in an attractive heavy steel jacket finished in green baked-on enamel. Thick air cell asbestos insulation minimizes heat loss. Trombone tank type water heater or standard tankless water heater optional.

Size: 31" wide x 56 $\frac{1}{4}$ " high x 47 $\frac{3}{8}$ " to 63 $\frac{3}{8}$ " long, depending upon number of sections.

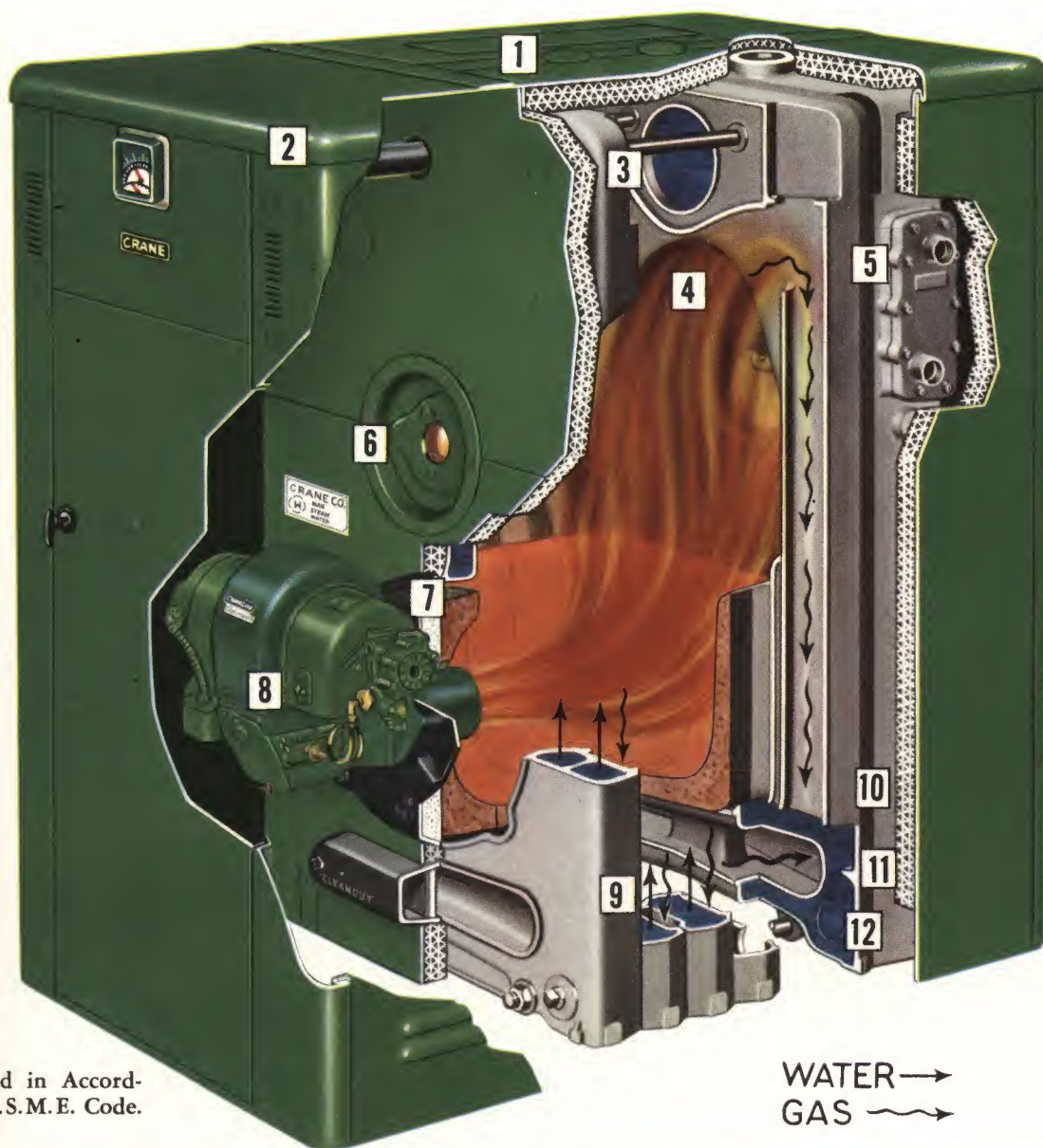
Net output ratings: Steam — 110,000 to 216,000 b.t.u.; Water — 126,000 to 239,000 b.t.u.

## advantages of "floating flame"

The Crane-Line *Conservoil* Burner is specially engineered for the Crane 16 Boiler. It is quiet, completely automatic, and features a "floating flame" which burns entirely in suspension, thus enabling the boiler surfaces to absorb maximum heat. The efficient design and simplified construction of this burner also permit the burning of even cheaper grades of fuel oil without the usual waste or unpleasant odors. The burner is located inside the handsome steel jacket, yet is easily accessible at all times.







Manufactured in Accord-  
ance with A.S.M.E. Code.

1. Easily accessible cleanouts.
2. Jacket extended to conceal burner.
3. Large upper nipples.
4. Inverted heat travel.
5. Tankless water heater (optional).
6. Glass flame observation port.
7. Factory molded refractory.
8. Efficient Crane-Line Oil Burner engineered specially for the Crane 16 Boiler.

9. Water and gases move in opposite directions — the ideal condition for transfer of the maximum amount of heat from the hot gases to the water.
10. Asbestocel covering attached to jacket.
11. Patented baffles direct water travel over hottest heating surfaces.
12. Wet base construction for safety — greater efficiency.



# the Crane *20* boiler an economical

## convertible boiler for steam

## or hot water heating

The Crane 20 is an efficient boiler that will give trouble-free service whether coal, coke, oil or gas is burned. The attractive design of the 20 Boiler makes it ideal for the modern basement or recrea-

tion room. The jacket is of steel with a heavy coat of green enamel baked on. Doors have black-satin finish. The non-heat handles remain cool to the touch.

Maximum heat absorption and economical use of fuel are assured in the Crane 20 Boiler by its multiple flue construction which provides more ceiling heating surface directly over the flame. The patented Controlled Water Travel which directs the water over the hottest heating surfaces scrubs away the insulating film of sluggish water that would otherwise reduce efficiency.

The Crane 20 is suitable for hand, stoker or oil firing. It may easily be converted from hand to automatic firing after installation, if desired. The cutaway at right shows the Crane 20 as an automatic oil-fired unit, and features the efficient Crane-Line *Conservoil* oil burner. And like all Crane cast iron sectional boilers, the Crane 20 may be enlarged at any time to meet increased heating demands.

The Crane 20 Boiler can be furnished with a trombone type or built-in tankless type domestic water heater when so specified.

Size: 27" wide x 56" high x 21 $\frac{7}{8}$ " to 45 $\frac{7}{8}$ " long, depending upon number of sections.

Net output ratings: Steam — 79,000 to 185,000 b.t.u.; Water — 92,000 to 206,000 b.t.u.



### gas fired

In localities where gas is available for heating, the Crane 20 Boiler may be had with the famous Roberts-Gordon gas burner, resulting in a fully automatic, carefree unit.



### coal fired

When installed for manual operation, the Crane 20 Boiler will also prove a highly efficient and economical unit to operate. Easily converted to oil, gas, or stoker firing.

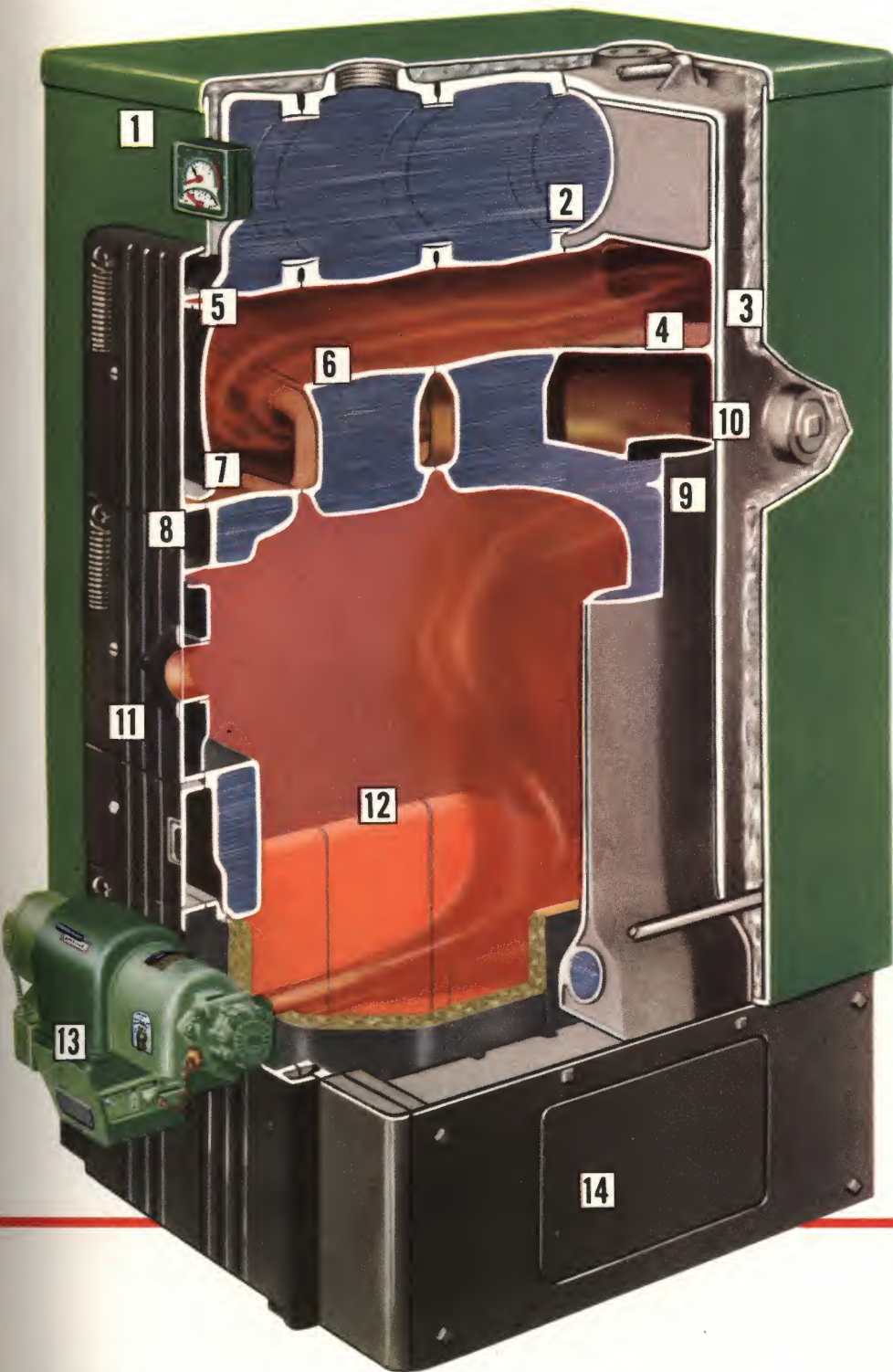


### stoker fired

When equipped with a modern Crane-Line Stoker the Crane 20 Boiler gives even, controlled temperatures. Stoker is easily installed at either side or the front.







Manufactured in Accord-  
ance with A.S.M.E. Code.

1. Green enameled steel jacket.
2. Large upper nipple.
3. Fiberglass insulation.
4. Ground surfaces.
5. Precision-ground joints.
- 6 and 7. Maximum flue surfaces.
8. Precision fitted doors.

9. Patented baffles direct water travel.
10. Trombone heater opening (both sides).
11. Glass flame observation port.
12. Factory molded refractory.
13. Flange mounted oil burner.
14. 12" high base.



# Crane-Line *gas fired boilers*

## **Basmor 2WG**

With the new Crane-Line Basmor 2WG Boiler, the comforts and conveniences of a 100% automatic, gas-fired heating system are now as practical for small homes and individually heated apartments, as for costly homes and big buildings. The 2WG is clean, odorless, quiet, efficient. A foolproof, self-acting control system assures absolute safety. Designed for hot water systems only, the 2WG is of wet base construction, allowing installation on wood floors without insulation. The heavy cast iron sections embody a "Staggered Heat Travel" arranged to extract maximum heat from the fuel. An attractive baked-on enameled steel jacket, heavily insulated, is furnished with Standard or DeLuxe Boilers



Standard Model

The 2WG is available in either Standard or DeLuxe models, completely assembled, ready to connect to gas and water lines.

Smallest size — 37,500 b.t.u. rating (output) — is only 23½" wide x 33¼" high x 17½" long.



DeLuxe Model

## **Basmor 25**



DeLuxe Model



Standard Model

Any steam or hot water heating system built around the Crane-Line Basmor Series 25 Boiler is extremely clean, fast, efficient and flexible. It has the capacity to meet the requirements of average-sized to large homes. Boiler is 100% automatic — rarely needs attention. Maintenance is negligible; installation is simple. Wet base construction permits installation on wood floor. The "Staggered Heat Travel" Control System assures complete safety. The heavy metal jacket is attractively finished in baked-on green enamel and is fully insulated with asbestos.

Net output ratings: Steam — 44,250 to 235,000 b.t.u.; Water — 52,000 to 258,000 b.t.u.

Size: 28½" wide x 42½" high x 28¾" to 58¾" long, depending upon rating.

## **Midget oil fired**

Here is a remarkably compact oil-fired boiler-burner unit that provides economical, automatic hot water heat. Designed for all types of hot water systems, the Crane-Line *Midget* quickly distributes sunny, radiant heat to every corner of the room. The unique inner design actually provides greater capacity in less space. Water heats quicker, circulates faster — at savings in space, fuel and money. Comes complete with efficient Crane-Line oil burner and is easy to install. Size: 28" wide x 35" high x 40½" to 60½" long, depending upon capacity. Net output ratings: 57,000 to 111,000 b.t.u.





# Crane-Line *forced warm air furnaces*

## **oil fired**

Typical of the Crane-Line Furnaces available through the Crane Heating Dealer are these attractively styled and efficiently engineered oil-burning units. All are fully equipped to filter, humidify and circulate an abundance of warm conditioned air and require a minimum of attention. Choose from regular or new Hi-Boy models. The Crane Heating Dealer is fully qualified to assist you in choosing the unit best suited to your particular requirement; b.t.u. output at register, 71,400 to 166,600.



Crane-Line Winter Air Conditioner



Crane-Line Basement Model Winter Air Conditioner



Crane-Line Duofuel Unit with Gun-Type Burner



Crane-Line Hi-Boy with Gun-Type Burner



Crane-Line Duofuel Hi-Boy with Vaporizing Burner



Crane-Line Deluxe Winter Air Conditioner

## **gas fired**

Crane-Line Gas-fired Forced Warm Air Furnaces afford fully automatic heating comfort at low cost. The safe, silent gas burner used in each unit is designed to give fullest fuel economy whether natural, mixed, manufactured or LP-gas is burned. Shown here are several of the models available from the Crane Heating Dealer. Depend on any one for complete winter indoor weather control—automatic heating, filtering, humidifying and the circulation of healthful warm air. The handsome all-steel jackets have a permanent baked green enamel finish that will add to the beauty of any basement or utility room. Approved by A. G. A. and leading utilities; b.t.u. output at register 60,200 to 150,000.



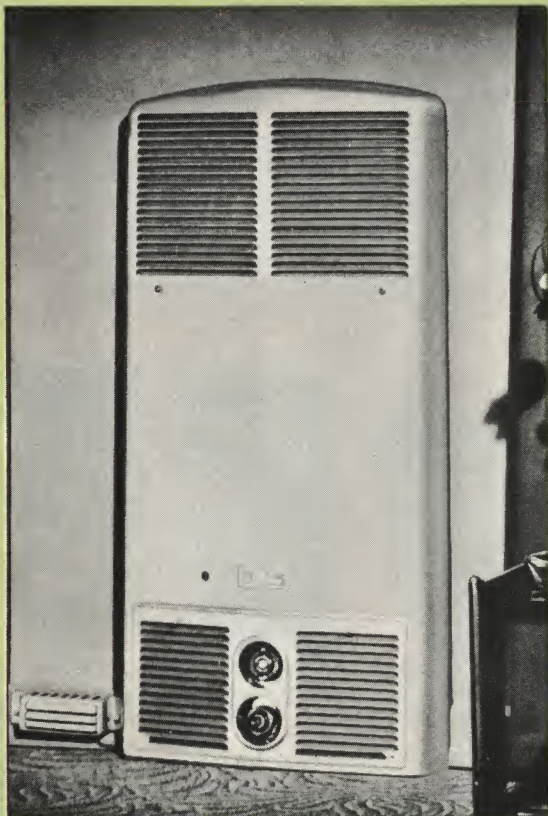
Crane-Line Duofuel Hi-Boy Model



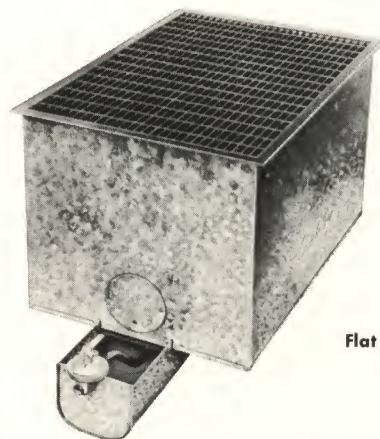
Crane-Line Duofuel Model



# Gas fired floor and wall furnaces



SAF-AIRE Gas-fired Wall Furnace is a complete zone heating system capable of heating rooms of average construction up to 14 by 18 ft. Measuring only 18 x 38½ inches, *Saf-Aire* fits into an outside wall and can be installed without cutting studs or joists. No chimney or ducts are required. The entire unit is safety sealed. Products of combustion cannot enter the room, and the dangers of fire, explosion and asphyxiation are entirely eliminated. *Saf-Aire* uses no electricity and has no moving parts. Aluminum construction resist rust and corrosion—assures year-after-year dependability. Available with ivory, beige, or aluminized finish room panel. Burns natural, manufactured, mixed or LP-gas. Manual or thermostatic controls; b.t.u. output 16,000. Approved by A. G. A. and leading utilities. Smaller model, designed for rooms up to 11 x 16 ft., has b.t.u. output of 11,200.

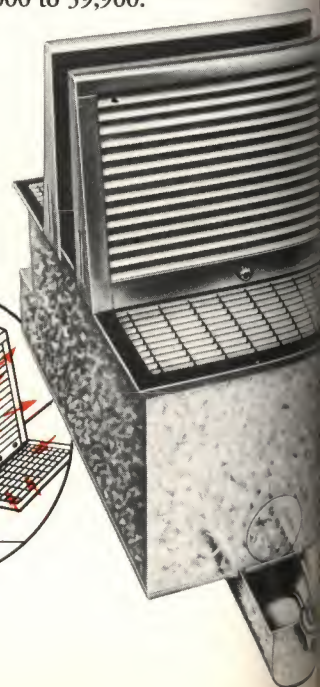


Flat Floor Model Stubby

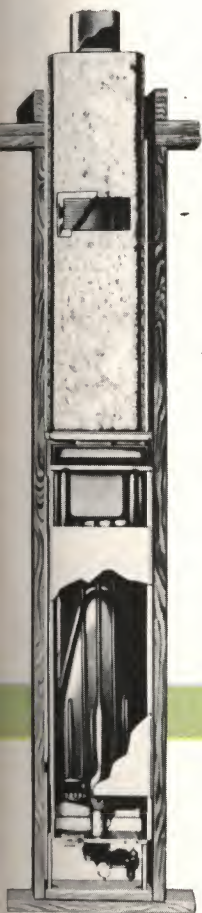
THE HOLLY STUBBY floor furnace features a new *Clearflo* register design that eliminates those dark, unexplored holes found in old-fashioned registers. Comfort-wise, the *Stubby* continuously circulates a steady flow of clean warm air, drawing cool air off the floor as fast as warm air is forced into the room. *Heatite* head prevents dirty streaks around register. Combustion air is taken from under the floor and vented through the roof. It can never contaminate room air supply. Safety interlock prevents turning on gas when pilot is closed. Fully protected against flooding and guaranteed against rusting or burning out. Exceptional shallow design eliminates need of cement for metal lined pits. Fits any 3 or 4-inch stud wall without extra labor. Automatic thermostatic control available, if desired. Choose flat floor or dual model. A. G. A. approved. Burns natural, manufactured or LP-Gas. ½-inch gas connector.

Sizes: 14" to 25" wide x 20" deep x 29" to 35" long depending upon rating; b.t.u. output ratings 21,000 to 39,900.

Dual Model Stubby





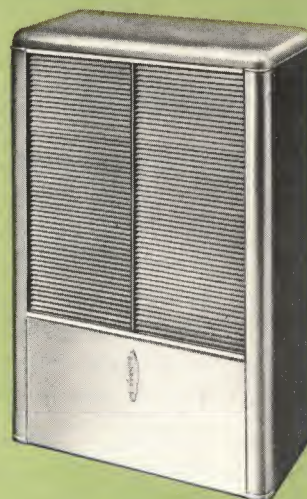


New Secondary Heat Exchanger assures greater efficiency—lower fuel bills.



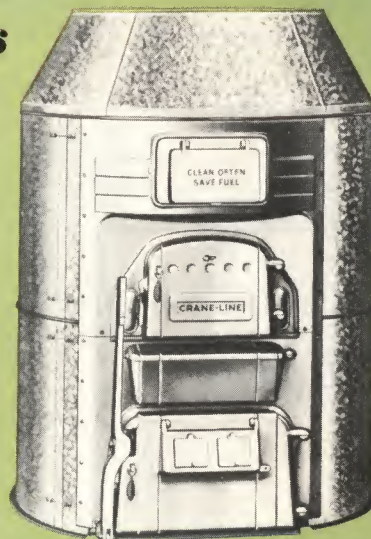
HOLLY NARROWALL vented wall heaters provide abundant heat without using precious floor or wall space. Utmost safety, extremely easy installation and economical operation are other outstanding features. Designed with a new *Secondary Heat Exchanger* which extracts heat units usually lost through vent. The heating element is an exclusive die-formed design, hinge-mounted to eliminate noise. The burner assembly is complete with controls and 100% safety shut-off. Fits in a standard 4-inch stud wall with 16-inch centers. Mounted off the floor, it insures complete circulation of warm air and also eliminates need of cutting carpets or altering floor joists. Attractively styled with shielded baked enamel panels that remain cool to the touch at all times. Dual model illustrated but also available in single model if desired; b.t.u. output ratings 20,000 to 44,000. A. G. A. approved.

## gas-fired fan-type unit heaters



Attractive Reznor Floor Type Unit Heaters are ideal for use in living room, office, store or shop. Engineered and built to highest standards, this modern free-standing heater will provide abundant and dependable automatic circulated heat for the most discriminating owner. The Reznor floor unit is available in four sizes ranging from 24,000 to 60,000 b.t.u. output. Its quiet forced circulation of heat affords comfortable warmth in one room or several rooms. A. G. A. approved. The Crane Heating Dealer will gladly provide complete information.

## Coal fired warm air furnaces



The family that prefers a warm air system will find that the Crane-Line offers just the type and capacity of furnace needed.

Crane-Line Furnaces are available with cast iron or steel radiators. All are of the latest design with proved engineering and construction features to assure abundant, economical heating. They may be manually or stoker fired for those who prefer coal. Also they can be easily converted to automatic oil or gas firing either at the time of installation or at some later date. Crane-Line Furnaces may also be equipped with blowers for the forced circulating of air.

Ratings: cast iron — 47,260 to 116,760 b.t.u.  
steel — 65,330 to 163,375 b.t.u.



## conversion *Gas* burners

If you prefer gas and it is available in your community, you will find this gas burner highly efficient and economical to operate. It is easily installed in conjunction with a new heating system, or may be installed in an existing furnace or boiler.

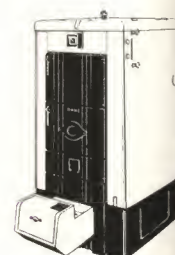
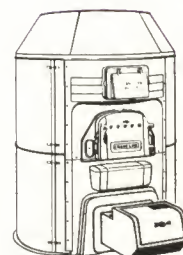
The Spreader Flame principle of combustion is an exclusive feature that offers important advantages. It assures highest combustion efficiency, prevents overheating of the ash pit where heat is lost, and utilizes every inch of the heating surface. The result is instant and ample heat from the moment the burner goes on. This silent flame exercises the three principles of heat application—radiation, conduction and convection.

The Gordon Telescoping Mixer is easily adjusted for large or small furnaces, and the unit can be moved from one residence to another.

All safety features are incorporated in the design of this rugged gas burner available from the Crane Dealer. Burns natural or artificial gases. Series No. 84 illustrated has capacity of 210,000 b.t.u. per hour. Other models rated at 300,000 and 500,000 b.t.u. A. G. A. Approved.



Roberts-Gordon Gas Conversion Burner

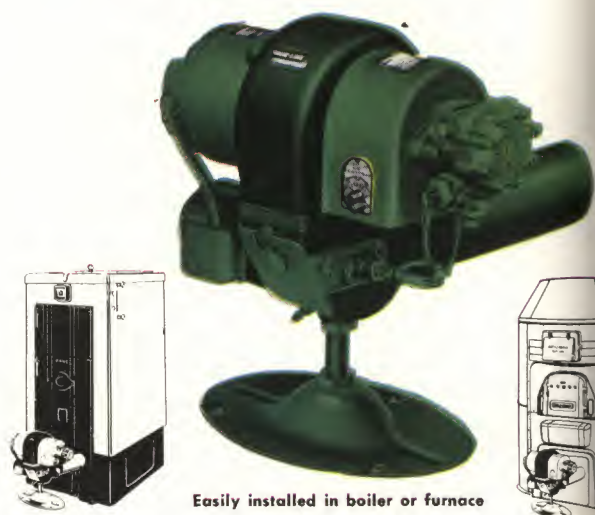


Easily installed in boiler or furnace

## Crane-Line conversion *Oil* burners

Most any warm air furnace, steam or hot water system can be adapted to oil fuel quickly by installing a Crane-Line Oil Burner. New developments in firing principles bring added fuel economy with armchair convenience. Designed to conform to high standards of quality, Crane-Line Burners assure maximum heating results for many years.

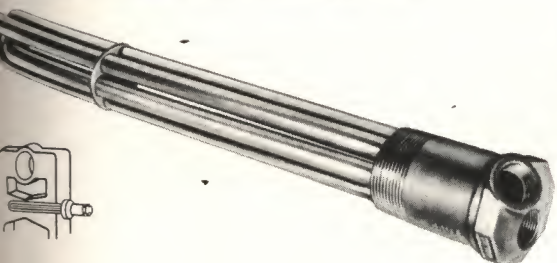
**CRANE-LINE MODEL 2A12C CONSERVOIL BURNER.** Completely automatic oil burner with motor specially designed with built-in over-load protection and manual reset. Operates without interference to radios. Constant electric ignition. Fuel pump is quiet and efficient. Air adjustment assures control of air for efficient combustion. Burns grades 1, 2 or 3 domestic fuel oil. Available in 1 to 2, 2 to 5, 5 to 10 and 10 to 20 gallons per hour capacities.



Easily installed in boiler or furnace

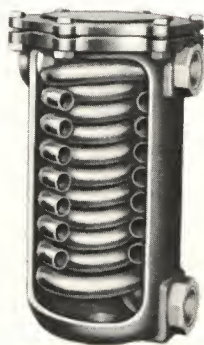
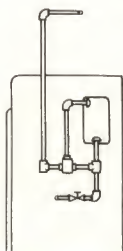


the use of domestic water heating attachments or boilers offers definite advantages. During heating seasons, they provide an abundance of hot water without noticeable increases in fuel costs. They can also be used to supply domestic hot water during summer months. When used for such service, the boiler operates just enough to keep the motors, controls and other mechanisms dry, thus preventing corrosion and rust.

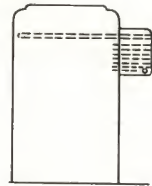
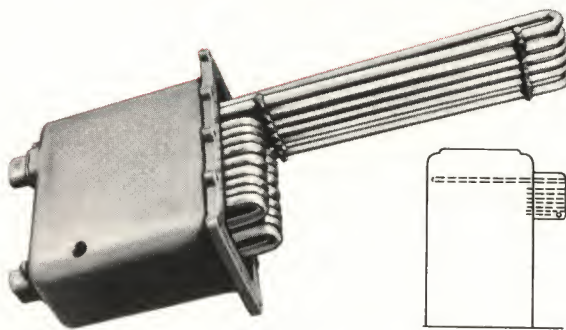


**TANK OR TROMBONE TYPE WATER HEATER.** This internal heater, when installed in the rear section of the boiler and connected to a storage tank, will keep the average home well supplied with hot water. Crane boilers have threaded openings into which this heater can be quickly inserted. Other boilers can be drilled and tapped.

**INDIRECT WATER HEATER.** This indirect water heater is attached to steam, gas or flow-controlled hot water heating systems and supplies ample quantities of domestic hot water.



## hot water heaters



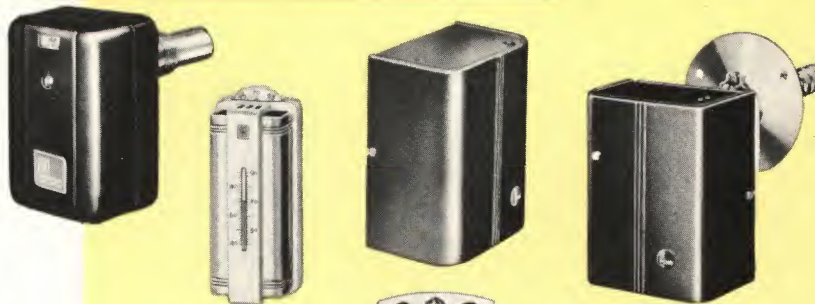
**TANKLESS TYPE HEATER.** Designed to meet the need for a domestic water heater of unusual capacity where space is at a premium—it is installed in either side of boiler. Unit is insulated and enclosed in an attractively finished jacket. Should be used with a water mixer. Where water is hard, this heater should be used with a water softener or provisions made for periodically deliming heater.

**AUTOMATIC WATER HEATERS.** Depend on the Crane Dealer, too, for the very best in automatic hot water heaters. Models are available to burn gas, oil or electricity, and there is a size for every home. Shown here is the Crane-Line *Superior*—high quality throughout. Has double extra heavy galvanized steel tank, new drilled-port silent blue-flame burner, fuel-saving *Mini-Miser*, and features *Unitrol A* 100% Safety Control. 30 and 45-gallon capacities.



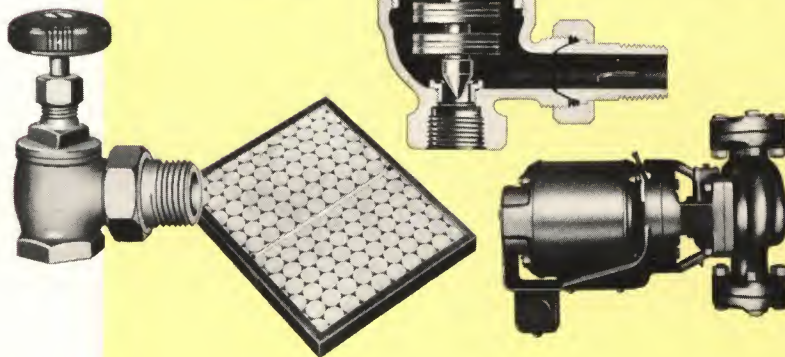
## heating controls

The sentinels of your heating system. Each one has a specific duty to perform. They work automatically and save time, work—and help cut fuel bills. Shown here are but a few of the types available through Crane.



## heating specialties

All necessary valves, traps, circulators, filters and other accessories for any type heating system are also available from the Crane Heating Dealer. He is also an expert on the proper application and installation of this equipment—a further assurance of long, dependable service.





# *be sure the piping is Crane*

Perhaps you never thought about it, but piping plays a mighty important part in the long life and satisfactory service your heating system renders.

The globe, gate, or check valves, the tees, elbows and nipples, the unions and flanges, while representing only a small part of the cost of a complete system, actually assure you a heating system that is uniformly dependable and long-lived throughout. It is essential, of course, that the piping be installed by one who has a thorough knowledge of proper layout. Such a man is the Crane Heating Dealer.

The high standard of quality, which is an integral part of all Crane piping materials, plus expert installation by the Crane Heating Dealer, will free you from petty annoyances that frequent repairs and maintenance trouble cause.

In checking the details on your heating system, be sure to consider every phase down to the piping itself.

## **THESE SYMBOLS ON CRANE BOILERS AND RADIATORS GIVE ADDED ASSURANCE**



**I. B. R. RATINGS.** This emblem on a boiler or radiator means that it has been rated for actual heat output by the Institute of Boiler and Radiator Manufacturers. Thus, dimensions are no longer the sole factors in boiler selection. All Crane Boilers and Radiators are I. B. R. rated.



**A. G. A. APPROVED.** Crane-Line Basmor Gas-Fired Boilers are tested and certified by the American Gas Association Testing Laboratories. Their approval is your guarantee of compliance with basic requirements for safety. You'll find the A. G. A. star on the Crane-Line Basmor gas-fired boiler you buy.

# **CRANE CO.**

CRANE CO. • 836 S. MICHIGAN AVENUE • CHICAGO 5, ILLINOIS



MEET AMERICA'S

# First Family of the Home!



Your family is always first in your thoughts—you are first in theirs. And you and your family come first with the family of Crosley products designed for happier living . . . because every product in Crosley's *family of the home* has been built, engineered and time-tested to give you the utmost in service and pleasure.

In the following pages you can see and read about Crosley's wonderful new 1952 home products, all the way from refrigerators to radios . . . from electric kitchens to television. Then follow up what you've seen by visiting your Crosley Dealer for a real close-up and demonstration. Ask him to show you *why* these Crosley appliances are *truly Better Products for Happier Living*.

## CROSLEY

DIVISION



CINCINNATI 23,  
OHIO

*Better Products for Happier Living*

SHELVADOR® REFRIGERATORS . . . SHELVADOR® FREEZERS . . . ELECTRIC RANGES . . . STEEL KITCHEN CABINETS . . . SINKS . . . FOOD WASTE DISPOSERS . . . ELECTRIC WATER HEATERS . . . RADIOS . . . TELEVISION.

AGAIN IN '52—THE PACE-SETTING DESIGNS ARE COMING FROM CROSLEY!



YOU'LL BE TEN TIMES HAPPIER WITH THIS

# '52 SHELVADOR® REFRIGERATOR

**TWICE** as much food  
right where you want it

**IN FRONT!**  
**IN SIGHT!**  
**IN REACH!**



Model T-CAD-12. With a capacity of 12.1 cubic feet and total shelf area of 21.9 square feet, this model has double-door convenience with separate freezer. Freezer capacity 77 pounds. Automatic Defrosting. Roomy meat holder. Temperature controlled ButterSafe. Two

"moist-cold" crispers. Five lift-out shelves; also, rearranging shelf plus provision for stacking crispers. Lovely "SOFT-GLO" Interior Styling. Dimensions: height 66 $\frac{3}{4}$ ", width 30 $\frac{3}{4}$ ", depth 27 $\frac{3}{8}$ ".

## SPECIFICATION CHART

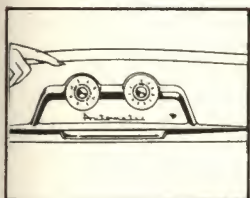
	UD-7	SD-75	UD-10	SD-95	DD-105	DAD-105	CAD-105	CAD-12	T-DAD-12	T-CAD-12
Capacity, cu. ft.	7.0	7.6	10.2	9.5	10.5	10.5	10.5	12.5	12.1	12.1
Freezer Compartment, cu. ft.	.6	.8	.6	1.2	1.4	1.4	1.4	1.8	2.2	2.2
Freezer Capacity, lbs.	22	28	22	42	50	50	50	63	77	77
Shelf Area, sq. ft.	13.6	14.8	18.0	19.4	18.3	18.3	18.3	22.0	21.9	21.9
Automatic Defrosting	no	no	no	no	no	yes	yes	yes	yes	yes
"SOFT-GLO" Interior Styling	—	—	—	—	—	—	yes	yes	no	yes
Ice Trays	2	2	2	2	3	3	3	3	3	3
Frozen Storage Tray	—	frozen storage	—	frozen storage	—	—	—	—	—	—
ButterSafe	—	—	—	—	yes	yes	yes	yes	yes	yes
Meat Holder	—	—	—	—	yes	yes	yes	yes	yes	yes
Crispers	—	1 (full-width)	2	2	2	2	2	2	2	2
Seasonal Control	no	no	no	no	yes	yes	yes	yes	yes	yes
"Lift-Out" Shelves	1	1	2	3	3	3	3	5	5	5
Rearranging Shelf	—	—	—	—	—	—	—	yes	yes	yes
Trim (Color)	—	—	—	—	chrome	chrome	gold	gold	chrome	gold
Height	55"	55"	56"	56"	59 $\frac{1}{2}$ "	59 $\frac{1}{2}$ "	59 $\frac{1}{2}$ "	66 $\frac{3}{4}$ "	66 $\frac{3}{4}$ "	66 $\frac{3}{4}$ "
Width	24 $\frac{1}{4}$ "	24 $\frac{1}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "	30 $\frac{3}{4}$ "
Depth (including vent and over handle)	28 $\frac{1}{8}$ "	29 $\frac{7}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "	30 $\frac{3}{8}$ "
Compressor	1/8 hp	1/8 hp	1/8 hp	1/8 hp	1/6 hp	1/6 hp	1/6 hp	1/4 hp	1/4 hp	1/4 hp

® Shelvador is a registered trademark that designates products of the Crosley Division—Avco Manufacturing Corporation.



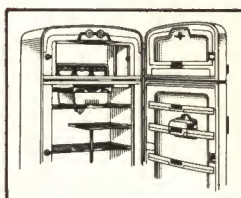
# The 1952 SHELVADOR has all your work-saving dreams BUILT-IN!

## AUTOMATIC DEFROSTING



Truly "Care-Free" . . . defrosts all by itself every night. Foods are safe because the whole operation is done so fast, even ice cream stays hard. Water is automatically evaporated. Nothing to turn on or off . . . nothing to watch, wait for, or bother with!

## DOUBLE-DOOR CONVENIENCE



Now you can have all the convenience of a kitchen freezer along with this most wonderful refrigerator. The freezer in each new "Twin" Crosley Model has its own door which opens *separately*, putting frozen foods and ice cubes in immediate reach! Lower door provides separate entrance to main food compartment. Door shelves fully recessed.

## TAKE YOUR CHOICE OF 10 BEAUTIFUL CROSLEY REFRIGERATORS



**MODEL DAD-105**—capacity of 10.5 cubic feet and more than 18 square feet of shelf space. "Care-Free" Automatic Defrosting and two moisture-sealed crispers. Freezer compartment holds up to 50 pounds of frozen foods. Three "tilt-out" ice-cube trays.



**MODEL SD-95**—provides a capacity of 9.5 cubic feet. Full-width freezer holds up to 42 pounds of food. Two "pop-out" ice-cube trays, two "moist-cold" crispers, de luxe cold-control. Dimensions: 56" high, 30 3/4" wide, 27 1/2" deep.



**MODEL SD-75**—with a capacity of 7.6 cubic feet, this model holds up to 28 pounds of frozen foods in its roomy full-width freezer. Brings full-sized refrigerator convenience into even the smallest kitchen. Extremely economical to operate.

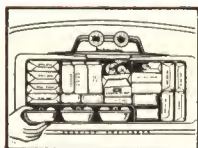
## ENGINEERING SPECIFICATIONS

**Construction:** All-steel cabinet. Bonderized for rust protection. Refrigeration Unit, hermetically sealed, life-time lubricated. Operates on 110-120 volts, 60 cycles, AC. Five-year warranty. Finish: Dulux enamel exterior; acid-resistant porcelain-enamel interior. Insulation: Extra-thick rock wool or glass fiber. Hardware: Heavy-duty, oversize door hinges. Trigger-action door latch.

*All specifications in this booklet are subject to change without notice. Approved by Underwriters Laboratories, Inc.*

\*Not all models have all features.

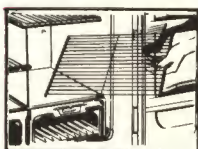
## ENJOY ALL 6 OF THESE WONDERFUL CROSLEY FEATURES\*



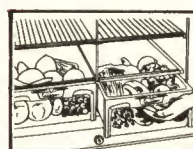
**Full-Width Freezer**—holds up to 50 pounds of frozen foods. Sturdy, double-insulated door serves as rearranging shelf.



**Roomy Meat Holder**—Keeps meat at the right temperature. Ribbed bottom prevents sticking. Transparent with gold- or chrome-colored handle.



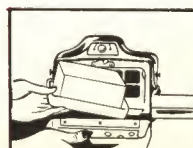
**"Lift-Out" Shelves**—assure flexible interior arrangement. Allow you to adjust storage space for the smallest package or the largest melon or turkey.



**"Moist-Cold" Crispers**—transparent, lightweight drawers keep greens, fruits, vegetables fresh at ideal temperatures.



**"SOFT-GLO" Interior Styling**—lends new charm and loveliness to your kitchen—highlights the "appetite-appeal" of your foods. Functional efficiency combined with beauty of design.

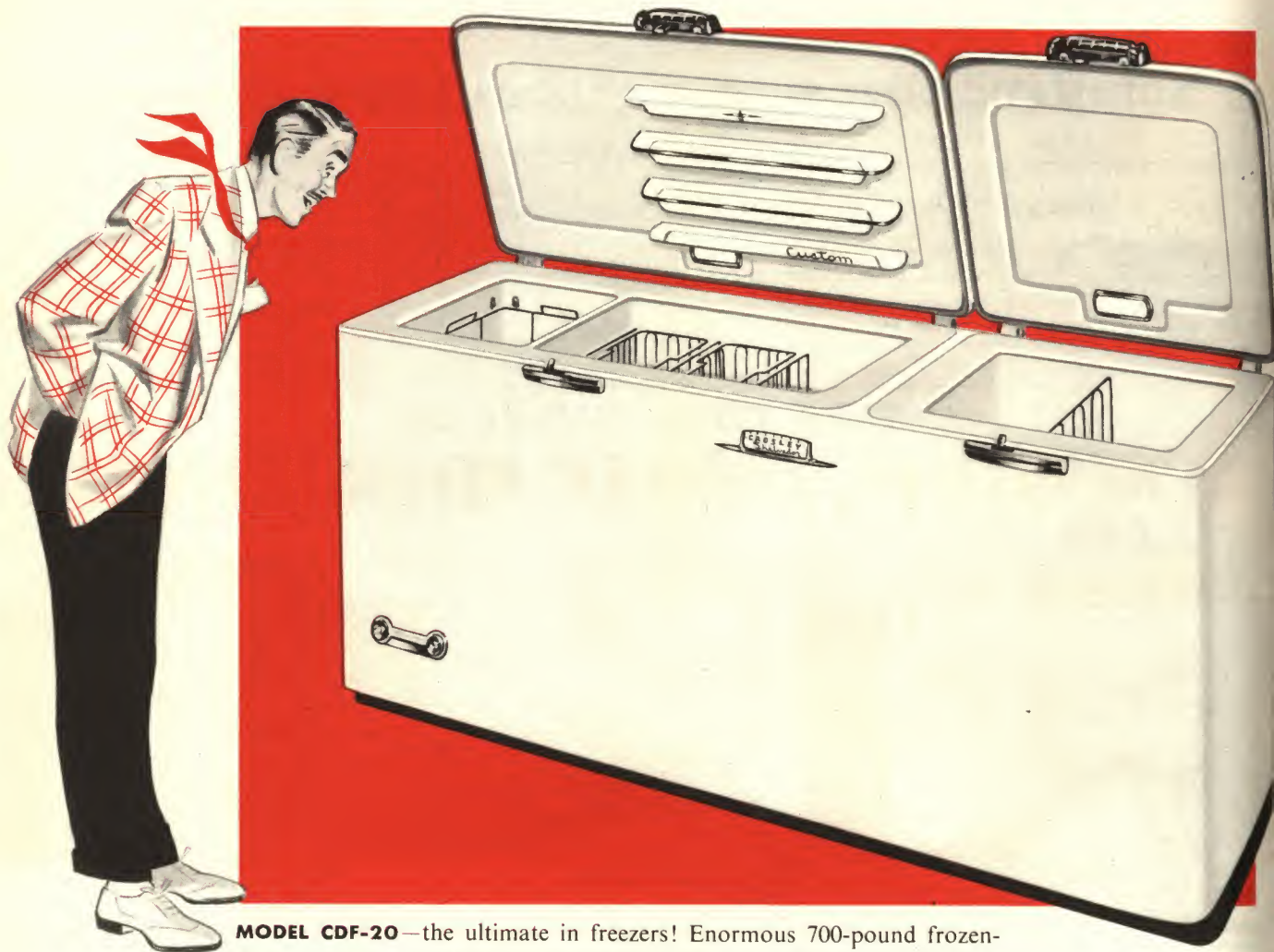


**Thrifty ButterSafe**—separate compartment with adjustable temperature control—keeps a pound of butter or margarine at the consistency you want it.



# Thrifتيest Thing

**you can add to your home!**



**MODEL CDF-20**—the ultimate in freezers! Enormous 700-pound frozen-food capacity. Two huge compartments with every storage convenience. Adjustable temperature control. "Floating-Action" lids. Many other special features. Economical to operate—and a masterpiece of functional efficiency.

## **MAKE IT YOUR 1952 HOME FREEZER!**

***Save Money!***

You want to eat better, of course . . . and you will. You'll actually save money, too, buying foods in season—when market prices dip—and in quantity. And after these savings have paid for your freezer, they go right on adding up to better, healthier, happier living for less!

***Save Time!***

Your Crosley will cut your shopping time and trips way down, and reorganize food preparation time. Thus, at any moment, you can produce any sort of meal from foods ready to cook with far less preparation.

***Save Work!***

With a Crosley Home Freezer you can put kitchen chores on a modern production basis. Preparing foods for freezing is half as much work as canning. You can make pies and cakes in batches as easily as one-at-a-time. And that goes for soups, stews, sauces, desserts. You can prepare meals in advance . . . enjoy new-found leisure by planning weeks ahead.



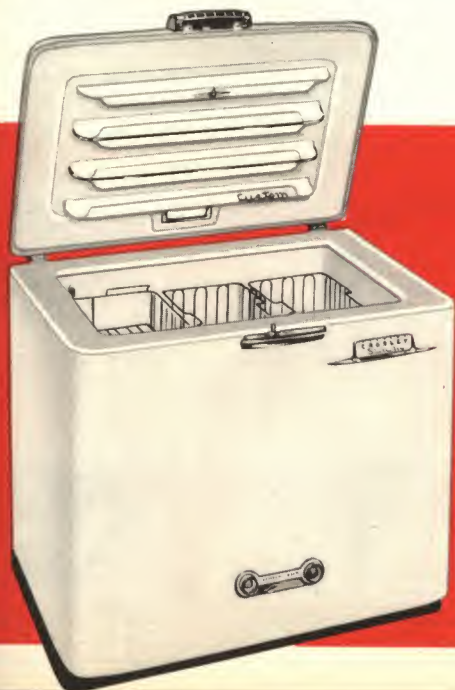
*Enjoy Better Eating...  
Better Living...at Less Cost*

**ALL YEAR ROUND!**

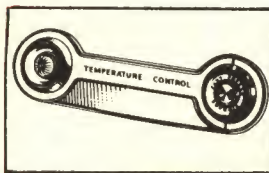


**MODEL CDF-14**—big in capacity—4.5 cubic feet—yet compactly built, this model stores up to 508 pounds and has every one of the outstanding Crosley features for 1952. A treat to the eyes, too—styled in "SOFT-GLO" Interior Design. Notice all the special features to the right.

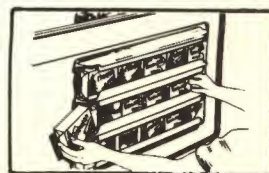
**MODEL CDF-8**—this custom member of the Crosley Freezer family stores 287 pounds of food and has an interior area of 8.2 cubic feet. In addition to its lid shelving, it has nesting baskets, "Floating-Action" lid, plus other features (see above right). Very smartly styled for appearance in your kitchen or pantry.



**CROSLEY THRIFTY FREEZERS GIVE YOU ALL  
THESE FEATURES... AND MORE!**



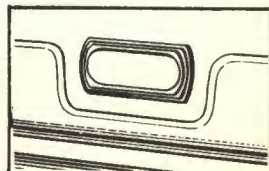
**Adjustable Temperature Control and Safety Signal Light.** Control maintains zero temperature or adjusts to 20 degrees below zero. Light signals power failure or temperature rise.



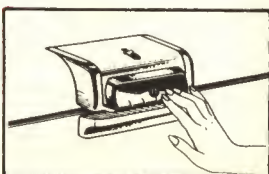
**Extra Top-Level Space**—handy shelves on the under-side of the lid have a surprising food-holding capacity—keep things you need most often, right in sight and right in reach.



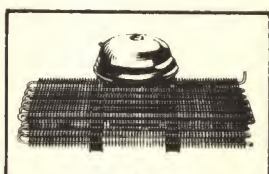
**Special Tray** for cakes and pies—stores baked goods without danger of crushing. "Lift-out" baskets can be stacked for convenience. (Custom Models.)



**Automatic Interior Light**—floods interior with light automatically, when lid is opened, shows you plainly just what you have inside.



**"Floating-Action" Lid**—automatically glides to fully open position with a touch on the push-bar latch. Tamperproof lock.



**Heavy-Duty Compressor**—backed by a five-year warranty. Forced draft-condenser cooling cuts operating cost, increases efficiency, reduces wear.

**1952 CROSLEY SHELVDOR® FREEZERS**

**SALES FEATURES  
SPECIFICATION CHART**

MODEL	DDF-8	CDF-8	DDF-14	CDF-14	CDF-20
Capacity (Cu. Ft.)	8.2	8.2	14.5	14.5	20
Food Storage (Lbs.)	287	287	508	508	700
Adjustable Temperature Control	yes	yes	yes	yes	yes
Self-Opening, "Floating-Action" Lid	1	1	1	1	2
Lid Shelves	yes	yes	yes	yes	yes
"SOFT-GLO" Interior Styling	—	yes	—	yes	yes
Freezing and Storing Compartments	1	1	2	2	3
Automatic Interior Light	1	1	1	1	2
Nesting Baskets	—	4	—	4	4
Removable Dividers	2	2	2	2	3
Special Tray for Pies and Cakes	—	1	—	1	1
Push-Bar Automatic Latch	1	1	1	1	2
Built-in Lock	1	1	1	1	2
Signal Light	—	yes	—	yes	yes
Recessed "Toe-in" Space	yes	yes	yes	yes	yes
Heavy-Duty Hermetically Sealed Unit	1/5 hp	1/5 hp	1/4 hp	1/4 hp	1/3 hp
Height	37"	37"	39"	39"	39"
Length	39 5/8"	39 5/8"	55 5/8"	55 5/8"	85 5/8"
Width (incl. hardware)	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"



# CROSLEY combines function with fashion to give you *THIS RANGE WITH BEAUTY AND BRAINS!*

ROASTS!

BAKES!

BOILS!

BROILS!

**ALL AUTOMATICALLY!**

Crosley asked thousands of housewives all over the country just what they wanted most in a cooking range . . . what their own ranges lacked and what they hoped would some day be forthcoming. Based on their opinions, Crosley now offers this magnificent 1952 range. More than ever before. Crosley now gives you *faster . . . cleaner . . . cooler* cooking.

## Plus no end of wonderful new conveniences

It's almost like magic the way the added conveniences in Crosley's new ranges work for you. Controls that automatically turn current on and off . . . timers that "watch" your cooking periods for you . . . 7 variations of heat intensity on surface units . . . automatic oven pre-heating—and a host of other controls that work for you while you relax!

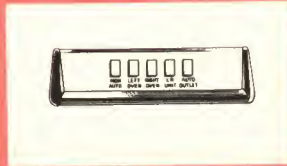


**MODEL RD-CO**

Here is the range that fulfills the demands of American women from coast to coast—a whole new concept of electric cooking! Three 7-heat surface units, including the famous "Hastyheat" Unit that cooks *faster than any cooking fuel!* Plus a wonderful deep-well unit that can also be elevated and used as a fourth surface unit! Automatic preheating that brings oven up to desired temperature FAST. And the "Mastermind" Electric Timer with Push-Button Selector that gives you 5-way timing. *TWO OVENS, each with bake and broil units!* (For even more special features, see below.)



"Colortrol" Illuminated Surface Unit Control. A different color light signals each of 7 speeds.



Push-Button Timing Selector. Lets you cook automatically 5 ways with large oven, small oven, appliance outlet, deep-well "up" or "down."



Rolladrawers. Open and close silently and smoothly on lifetime nylon rollers.



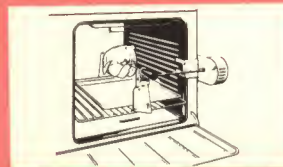
"Mastermind" Electric Timer. Turns heat on . . . times cooking interval . . . then turns heat off.



"Hastyheat" High-Speed Surface Unit. Cooks faster than any cooking fuel!



"Visidor" Oven Window. Combines with peek-in light to let you see "what's cooking."



Exclusive Rotary Barbecue. Spit-roasts meats to full-flavored goodness. (Available as an accessory.)



Elevating Deep-Well Unit. Doubles utility. Can be used as both deep-well and surface unit.



**bring you the wonderful  
advantages of**

# CROSLEY

## ELECTRIC COOKING

...It's fast!  
...It's cool!  
...It's clean!



**MODEL RD-M**—this beautifully-designed range is a full 40" wide and the king-sized oven has a self-sealing door. Three surface units, plus a deep-well unit. Three roomy storage drawers. In short, a range that will give you a lifetime of speedy, efficient cooking!



**MODEL RD-SD** — this beauty features “Mastermind” cooking, elevating deep-well, 7 heat speeds on all surface units and dozens of other conveniences, plus fine styling with chrome handles. One appliance outlet.

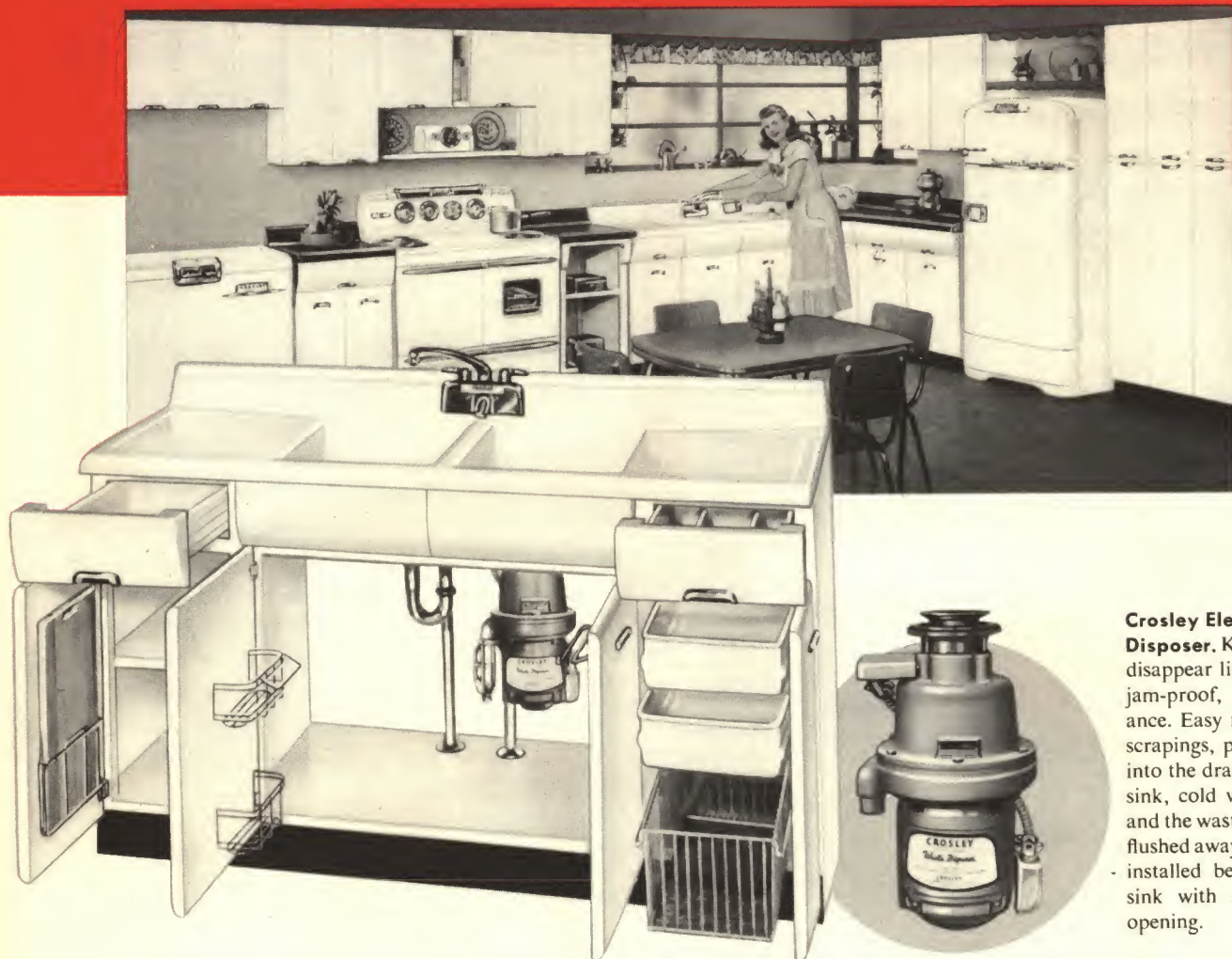
### SPECIFICATION CHART

- Orosley Rod-Type Surface Units
- "Hastyheat" Surface Unit
- Elevating Deep-Well Unit
- Deep-Well Unit
- King-Sized Oven
- Economy Second Oven
- Warmer Compartment
- Infra-Red Type Heat Broiler
- Storage Drawers
- 1 Appliance Receptacle, Manual
- 1 Appliance Receptacle, Automatic
- 2 Appliance Receptacles—1 Manual, 1 Automatic
- Enameled 1" Broiler Pan and Smokeless Rack
- Broiler Pan Storage Shelf
- Self-Sealing Oven Door
- Automatic "Mastermind"—(timer)
- Automatic Preheat
- Automatic Oven Light
- Cluster Switches
- "Colortrols" for Surface Units
- Electric "Tattletimer"
- Selector Switch
- "Visidor" Oven Window
- Range-Top Floodlight
- Two "Non-Tilt" Oven Shelves
- Width
- Height
- Depth

[illegible]



# CROSLEY ALL-ELECTRIC KITCHEN



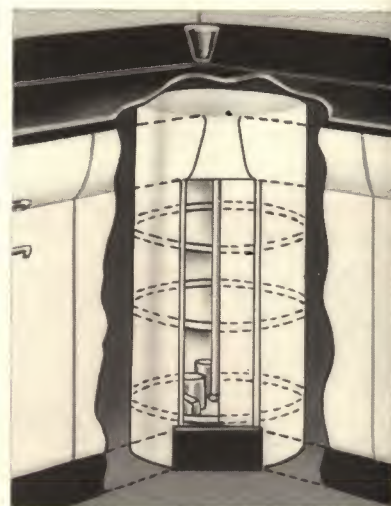
**Crosley Electric Food Waste Disposer.** Kitchen food waste disappears like magic with the jam-proof, clog-proof appliance. Easy riddance to bone scrapings, parings—they drop into the drain opening of your sink, cold water is turned on and the waste is pulverized and flushed away in seconds. Easily installed beneath almost any sink with 3½" to 4" drain opening.

## TAKE YOUR CHOICE OF 10 GREAT CROSLEY CABINET SINKS

**Model CS-6600—Crosley Custom Sink**—66 inches wide. Double bowl with double drainboards. Three storage compartments, four drawers (one divided and linoleum-lined for cutlery.) Included in cabinets below sink are: roomy Storabin for storing potatoes and other vegetables (made of wire construction for proper ventilation) . . . dish-towel rack . . . two special trays, one for holding cans of cleanser, the other for soap powder and dishcloth . . . warp-free cutting board in the rack on inside of door. Faucet assembly has built-in push-button spray attached to hose for convenient rinsing of dishes, vegetables and drainboards. Height to top of work surface 36", to top of backsplash 40", depth 25". Other sinks in 42", 48" and 54" widths.

## THE HEART OF A HAPPY HOME!

Planning your new home is a wonderful, thrilling adventure shared by the entire family. And here's the down-to-earth way to get the *complete* kitchen you've always wanted—in the most budget-pampering way imaginable. Simply ask your builder or mortgagor about the economical "Package Mortgage." With this method you can install a *complete* work-saving, step-saving Crosley Kitchen . . . *everything* from a sensational Shelvador Refrigerator and Crosley Electric Range, to Crosley Kitchen Cabinets. Then while you enjoy all the conveniences of your perfect kitchen you'll hardly notice the payments which become a part of your mortgage. Or, if you're remodeling, there are several easy budget programs . . . or you may prefer to find out about Crosley's convenient "Add-an-Item" Plan.



**Corner Pantry** . . . turns waste space under corner counter top into storage space especially useful for canned goods and other packaged staples. Revolving shelves put everything right in front at the flip of a finger. Pantry especially designed so articles cannot fall off the revolving shelves.

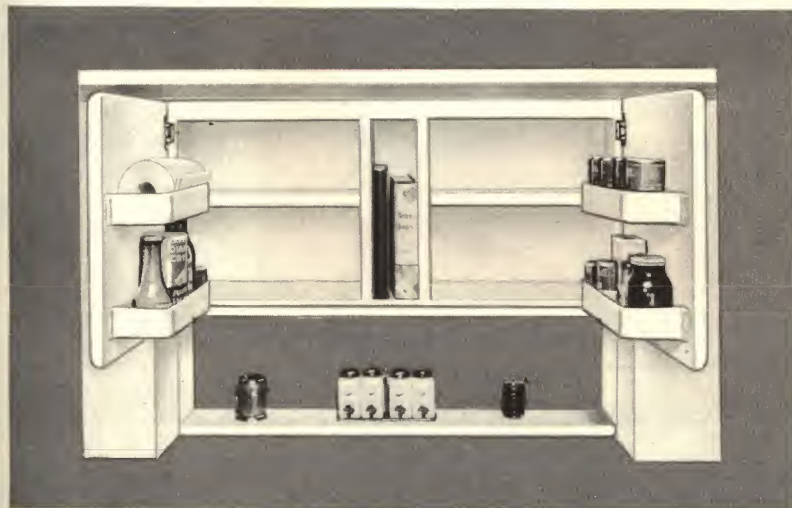


# Dress up your Kitchen

with **MODERN, ROOMY CABINETS**



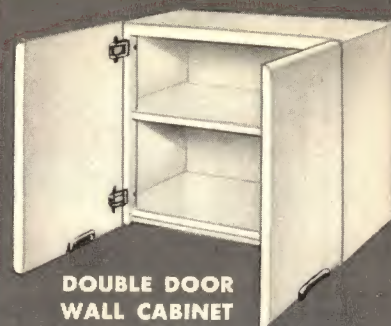
**Crosley Steel Base Cabinets** are available in single- and double-door models in various widths: 15", 18", 21", 24", 27", 30" and 36". Standard height with counter top 36" (40" including backsplash); standard depth over counter top 25". Cabinets available with or without counter tops. Tops available in choice of 5 different colors to match your kitchen color scheme.



**Crosley Range Pantry** for finger-tip convenience while cooking. Double doors, niche for cookbooks or serving trays. Four condiment trays swing out on doors. Width 40", height 30" (including shelf), depth 13 1/4". Similar pantry also available for use over refrigerator.

**Crosley Silent Server**—combination serving cart and movable worktable. Rolls smoothly on ball-bearing wheels. Fits under 21" counter top when not in use.

**Match Your Kitchen Color Scheme**—with rugged, vinyl plastic bonded on steel counter tops which are available in 12 gorgeous, decorator-selected colors. Counter tops are available for single cabinets or may be continuous, covering several cabinets with one smooth unbroken surface in the color of your choice.



**DOUBLE DOOR  
WALL CABINET  
18" HIGH**



**SINGLE DOOR  
WALL CABINET  
30" HIGH**

**Crosley Steel Wall Cabinets** in single- and double-door models with removable shelves. All are 13 1/4" deep over doors. For 30" height, widths are 15", 18", 21", 24", 27", 30" and 36". For 18" height all widths are available except 15" and 27".



**Crosley Utility Cabinet.** Full-length storage for brooms, mops, etc. Allows generous shelf space for cleaning supplies. Easily converted to a linen closet with shelves from top to bottom.



**THE SIGN OF A GOOD PLACE TO BUY!**



## *Get to know your Crosley Dealer*

It will pay you to discuss your home plans with your Crosley Dealer, a man you can depend on for sound advice and counsel. He knows home appliances, can analyze your needs completely, and advise you on the appliances that best meet your particular requirements. So, whether you're building a new home or remodeling, take

full advantage of his many years of practical experience. Get acquainted with him as soon as possible. You'll find your Crosley Dealer a reliable, responsible member of your community. And when you see all the wonderful Crosley products, you'll agree that these are truly—Better Products for Happier Living.

**CROSLEY**  
*Better Products for Happier Living*

**CROSLEY**  
DIVISION   
CINCINNATI 25, OHIO

SHELVADOR® REFRIGERATORS . . . SHELVADOR® FREEZERS . . . ELECTRIC RANGES  
STEEL KITCHEN CABINETS . . . SINKS . . . FOOD WASTE DISPOSERS . . . ELECTRIC  
WATER HEATERS . . . RADIOS . . . TELEVISION.





A GREAT NAME IN COMFORT

modern heating products for the home



*baseboard radiation*



*convector radiators*



*room air conditioners*



*electric dehumidifiers*

**FEDDERS-QUIGAN CORPORATION**  
Buffalo 7, New York





*a great name in comfort*

## **baseboard radiation**



### **Anti-Streak Covers with Directional Louvers**

Modern Fedders Baseboard Radiation greatly reduces streaking of walls and draperies. Uniformity of temperature from floor to ceiling contributes comfort, health and cleanliness for the entire family.

The performance of Fedders heating equipment is the result of long experience in specializing on designing and manufacturing heat transfer equipment. You can be sure of advanced design, finest of materials, skilled workmanship and life-long satisfaction. Fedders has been performing miracles with heat and cold for over 50 years.

Fedders baseboard radiation adds extra value to every home.

#### ***decorative harmony***

Covers are finished in neutral primer coat ready for finishing on the job to conform to any decorative scheme whether it be solid color, pastel or grained treatment.

#### ***heating comfort***

Uniform rather than spot distribution of heat—provides comfort in all parts of the room. No hot spots—no cold spots. Convactor-type covers activate circulation of heat thus providing more uniform temperatures from floor to ceiling, eliminating cold drafty floors.

#### ***easy installation***

Fedders Baseboard Radiation can be completely installed as soon as rough flooring is laid. No delays—not dependent on carpenters' finishing schedule.

#### ***cleanliness***

Heated air is directed away from walls by means of exclusive die-formed louvers, thus contributing to cleanliness and reducing cleaning and redecorating costs. Smooth surface of cover is easily dusted.

#### ***space saving***

Fedders Baseboard Radiation occupies little more space than ordinary baseboards. It makes all floor space useable and eliminates bulky radiators under windows. There is no interference with location of furniture or hanging draperies. Particularly well suited for use with picture windows.

#### ***dampers***

Dampers are optional. No dangling chains. A simple lever operates the damper for open or closed positions depending upon the occupants' comfort.



# ***fedders***

*a great name in comfort*

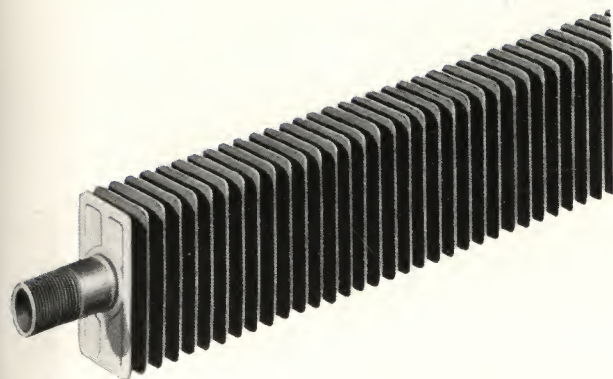


Architects, interior decorators, home owners and heating men approve Fedders Finned Heating Element in Baseboard Radiator Enclosure.



**Exclusive  
Anti-Streak  
Design**

Diagram (above) shows how the warm air is directed into the room by Fedders built-in angular louvers in front face of enclosure. See how cool air flows down from the wall and is directed out into the warm air stream by means of exclusive curved top enclosure.

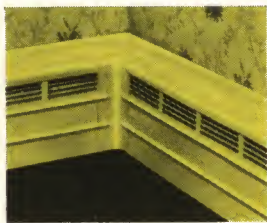


Fedders heating elements are designed for lifelong efficiency.

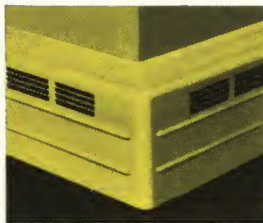
Heating element is made of steel pressure type tubing with steel fins. Tube is bullet expanded into self-spacing, die-formed collared fins providing large area permanent metal-to-metal contact for efficient heat transfer. Die-formed pattern adds turbulence and scrubbing action to air flow plus added fin strength.



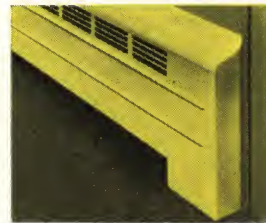
**DAMPER**



**INSIDE CORNER**



**OUTSIDE CORNER**



**END COVER**

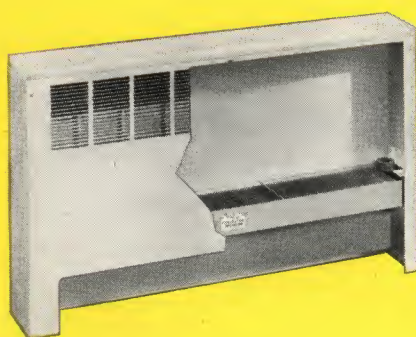
***Fedders-Quigan Corporation 3***



# ***fedders***

*a great name in comfort*

## ***convector radiators***



**type F**

Popular model for homes



Like all Fedders products, Fedders Convector Radiators are famous for dependable, efficient performance . . . designed and engineered for modern home heating comfort.

These modern features were developed to satisfy today's most exacting requirements:

- a. Handsome styling . . . at home in any surroundings.
- b. Rounded edges and corners contribute to handsome appearance.
- c. Directional louvers in front panel direct the heated air actively into the room, assuring uniform temperatures from floor to ceiling.
- d. Cabinet finished in an oven baked ground coat does not affect delicate pastel tints when finished after installation.
- e. Front panel easily removed for inspection or cleaning.

- f. Closed ends and front panel conceal piping.
- g. Lower opening is amply high for convenient cleaning of floor and rug.
- h. Heating element with copper tubes and aluminum fins assures prompt response to thermostat control.

Fedders Convector Radiators can be used with steam, forced or gravity hot water systems. The cabinet can be used as a free-standing unit or partially recessed into the wall. Naturally induced circulation of air, entering through archway at bottom and actively flowing out through louvered grille at top, assures more uniform temperatures and maximum comfort at all levels.



# ***fedders***

*a great name in comfort*

## ***quick response***

Modern in appearance . . . modern in quick response to thermostatic and manual control—Fedders Convector-Radiators have won the enthusiastic approval of architects, heating men, interior decorators and home owners everywhere.

Concealed within the handsome cabinet is a compact, high efficiency heating element made of copper tubes and aluminum fins. These are the world's most efficient heat transfer metals. They eliminate old-fashioned, unsightly radiators.

## ***fuel economy***

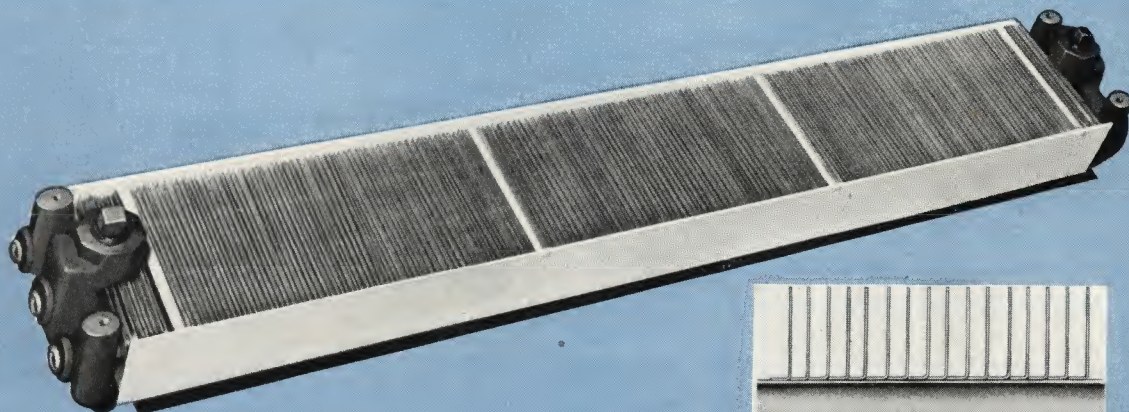
Fedders combination of better heat circulation and quick response is particularly important under today's high fuel prices. The use of copper tubes and aluminum fins delivers the heat almost instantly when needed.

## ***better heating***

Cool air drawn from floor level is warmed as it passes through the concealed heating element. Directional louvers in front panel direct the heated air actively into the room assuring uniform temperatures from floor to ceiling. Heated air current is directed out away from walls and draperies thus reducing cleaning expense. Quick response to manual or thermostatic control provides quick warm-up.

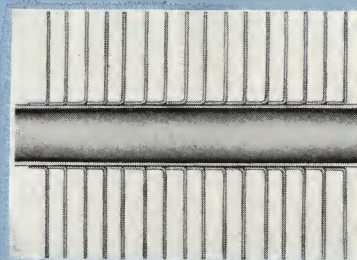
## ***more comfort***

The use of Fedders high efficiency heating elements assures better comfort conditions throughout the entire room. The active, but gentle circulation of the warmth is particularly important where young children spend most of their early life playing on the floor. Likewise, grown-ups enjoy better comfort at all heights. Fedders Convector Radiators are usually located under windows to offset heat losses and prevent cold spots at this point.

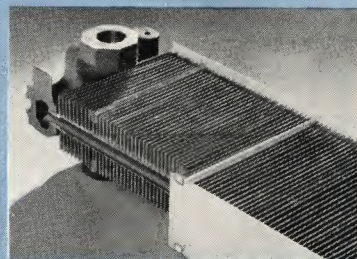


Fedders heating elements have copper tubes and aluminum fins assuring prompt response to thermostatic control. Fin holes have die-formed collars which give large heat transfer contact between tube and fin.

Cross section of fins and tubes.



Cutaway view showing header, tube, fin and side plate arrangement.



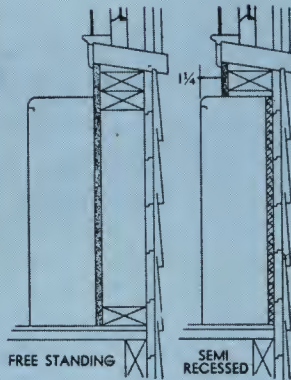
***for special cabinet types - see next page*** ➔

***Fedders-Quigan Corporation 5***



## ***other types of convector radiator enclosures***

### ***free standing - types FE, FB***



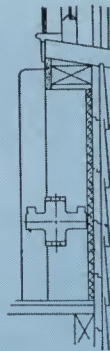
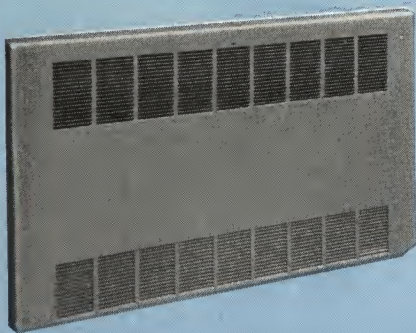
Type FE and FB Convector-Radiators are available in a wide range of sizes to fit practically any installation requirement for flat top, free standing or semi-recessed cabinets. Type FB has a grille at the base providing a completely enclosed unit.

DEPTH 4—6—8—10 INCHES

LENGTH 16—20—24—28—32—36—  
40—44—48—56—64 INCHES

HEIGHTS 18—20—24—26—32—38  
INCHES

### ***semi recessed - types R, RB***



Designed for semi-recessed installations requiring various wall thickness. Wide selection of front panel depths makes it possible to utilize the advantages of Convector radiators under difficult structural limitations. Type RB has base grille.

DEPTH 4—6—8—10 INCHES

LENGTH 16—20—24—28—32—36—  
40—44—48—56—64 INCHES

HEIGHT 18—20—24—26—32—38  
INCHES

**There is a complete line of Fedders Convector Radiators for practically every residential, commercial and industrial need.**

*Write for catalog covering all free standing, semi and completely recessed models.*



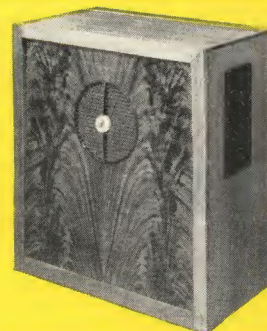
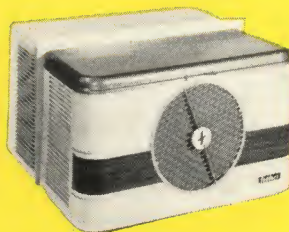
## room air conditioners



*a great name in comfort*

There's a Fedders Room Air Conditioner for every room and for every need. Here's cool, clean, comfortable living . . . for pennies a day. Your Fedders dealer will install the unit you select in less than an hour.

There's no muss or fuss . . . uses no water. No pipes or ducts. Fedders plugs in like a radio . . . goes right to work. Take advantage of your Fedders dealer's easy terms and buy years of cool, cool comfort. Fedders exclusive features can't be matched!



*A Type for Every Need*

Exclusive Comfort-Circle Grille directs a cool flow of air wherever you wish . . . with never a draft.

Twin Air Filters assure you of purer healthier air . . . thorough removal of dust, dirt, soot and pollen provides amazing relief from hay fever.

Fedders Hi-Lo speed control gives you the choice of "Hi" for maximum, and "Lo" for normal operation.

New type compressor construction gives "whisper-quiet" operation.

*See your Fedders dealer—consult classified section of your Telephone Directory.*

## electric dehumidifiers



**CONTROLS HUMIDITY . . . STOPS MOLD, MILDEW, RUST and CORROSION**

Now, you can dry out a damp, moldy smelling cellar or other room overnight—and keep it dry with the amazing compact Fedders Electric Dehumidifier! It plugs in any standard outlet, and automatically removes 2 to 3 gallons of moisture from the air every 24 hours. Stops damage from rust, mildew and rot. Protects tools, guns, luggage, furniture and linens. Lets you build a game room, workshop or storage room in the cellar without fear of damage from moisture! The Fedders Electric Dehumidifier is portable. Water collects in a handy, removable container, or a permanent drain connection can easily be made. It is quiet, needs no adjustment, costs only a few cents a day to operate. Carries a 5-year Protection Plan.

**Fedders-Quigan Corporation 7**





*a great name in comfort*

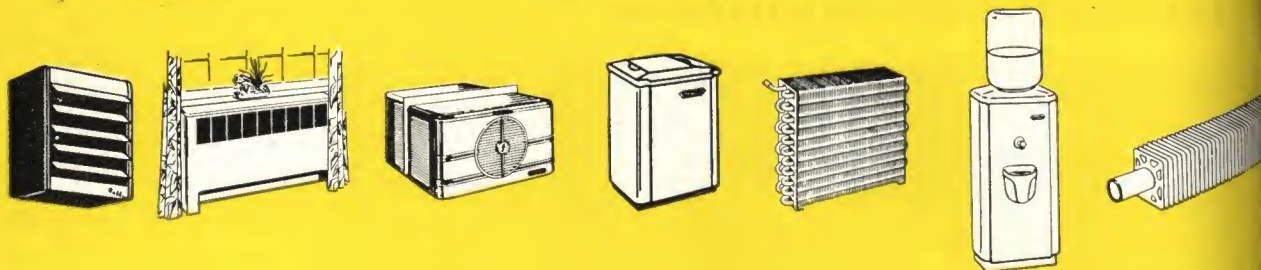
Fedders engineers have been working miracles with heat and cold for over half a century. Probably your own automobile is cooled by a Fedders radiator or heated to living room comfort with a Fedders car heater core.

Fedders, long experienced in the field of heat transfer, is equipped to solve any home or other building heating or cooling problem. Your home is your most prized possession and it deserves the finest . . . and the finest is Fedders.

Make sure your architect *specifies*, and your heating contractor *supplies* Fedders.

Fedders representatives are located in every major city. They will be delighted to assist you. You'll find their names in your classified telephone directory.

The ratings of Fedders convectors and baseboard radiation have been determined in conformance with Commercial Standards CS140-47, as developed cooperatively by the trade and the National Bureau of Standards, U. S. Department of Commerce, and the said ratings have been approved by the Convector Rating Committee.



**FEDDERS-QUIGAN Corporation**

57 Tonawanda St., Buffalo 7, N. Y.

*The Fedders-Quigan policy is one of continuous improvement, and therefore the right is reserved to make changes without notice.*





Beauty Bonded  
**FORMICA**  
Reg. U. S. Pat. Off.  
at Home with People  
at Work in Industry

REPLACEMENT OR REFUND OF MONEY  
Guaranteed by  
Good Housekeeping  
IF NOT AS ADVERTISED THEREIN

THE STORY OF Beauty Bonded **FORMICA**  
*at Home with People!*





# OPEN FORMICA INSPECTION

Mother had a tough week. Dad no sooner started the car for their Sunday afternoon ride than she fell asleep.

In her dreams, the car pulled up in front of a model house.

"Where are we?" she asked.

"This," said her dream tour guide, "is a home where Beauty Bonded Formica makes living more enjoyable for everybody in the family."

"Formica?" she questioned. "What is this Formica?"

"Formica," her guide replied, "is a tough, colorful plastic laminate. It is the ideal surfacing material. Here, for example, in the living room, you'll find it on the top surface of the writing desk, the coffee and occasional tables, and the entire mantelpiece."

"Why?" Mother asked.

"The obvious reasons are Formica's great beauty and color possibilities. But here are other advantages every bit as important: Formica never needs to be painted or re-finished. It is unharmed by spilled drinks. Its smooth, hard surface cleans with a damp cloth. Treatment that would scratch or mar most surfaces never fazes Formica. You know Formica is the material that has been used on many beautiful bar tops and restaurant table tops for more than a quarter of a century.

"In the bedroom, too, the furniture tops are all Formica. Here, as in the living room, it looks just like any fine wood, but it has all the plus features of this amazing material. Night tables and dresser tops never need protective glass plates.





Of course, the kitchen is probably the place where Formica gets its toughest workout. Formica's resistance to boiling water, fruit acids and cleaning alkalies makes it ideal for your work surfaces on cabinet tops and around the sink. It makes excellent wall panels, too. The window sill is another example of how Formica combines beauty with utility. And let's not overlook the built-in Formica dinette table . . . so practical, so colorful, so easy to clean and so clean!



"Now for the bathroom," said the guide, opening another door. "That cheerful unit with the wash basin is a Formica Vanity. It offers the biggest improvement in design and beauty since bathrooms moved indoors. A colorful vanity and lavatory, all in one compact unit. And the walls are Formica, too—Formica Beautyboard!"



When Dad pulled up gently to the curb in front of the old homestead, Mother was still sleeping soundly. But dreams that make as much sense as this one have a way of coming true. Drop in to see your Formica fabricator. You'll meet, face to face, the man who can make your dreams come true with Beauty Bonded Formica!



New 16 MM color sound movie, "Living with Formica" pictures uses and how it is made. Available now for group showings. Write for film.

"Just as good" is a fable . . . Look for the label.  
Insist on genuine Beauty Bonded Formica.





# YOUR *"Inside"* STORY OF BATHROOMS FOR 1951

## or "A Century of Progress . . ."

Years ago in farm or city, bathrooms were quaint but seldom pretty. When they moved the things inside it was still a room we were glad to hide.



wonder the bathroom labeled "before" was kept behind a tight closed door. But "after" pictures the very same room, when Formica's color has banished the gloom.



From the sparkling beautiful Vanitory\* to the smooth warm walls, Formica's cheerful colors offer the truly livable bathroom of your dreams.

Formica's hard non-porous surface cleans with the swish of a damp cloth . . . no rough mortar lines to catch and hold dirt and germs. Formica is unharmed by household acids, alkalis, alcohol, or boiling water.

Formica is the same rugged, beautiful material that has brightened so many million American homes on sinks, kitchen cabinet tops, and dinette tables.

It's easy to have Formica surfaces in your home.

There is a Formica fabricator near you who will design or build to your specifications, Vanitories, kitchen cabinet tops, or built-in furniture. Your local carpenter or building contractor can easily and quickly install Formica walls and fixtures. Ask for Formica top dinettes and other furniture at your favorite store.

Send today for your free copy of "What's New in Bathroom". It's brimming over with colorful bathroom sign ideas. Write Formica, 4657 Spring Grove Avenue, Cincinnati, Ohio.



"Just as good" is a fable. Look for the label. Insist on genuine Beauty Bonded Formica.



\*This label may be used only on combination lavatory-vanities surfaced with genuine Beauty Bonded Formica. The Vanitory offers greater work surface around the wash bowl as well as a colorful dressing table.

Beauty Bonded  
**FORMICA**  
Reg. U.S. Pat. Off.

at Home with People  
at Work in Industry





Make your home more livable!



**A** LWINTITE  
*aluminum*  
**WINDOWS**





For that new home of yours

# ALWINTITE aluminum WINDOWS

DOUBLE-HUNG • SLIDING • VIEWall



You're going to live *with* and *in* that new home of yours for a long time. So make sure it includes all the good things you'll want in that home—the things that will add to your continued enjoyment and comfort—the things that will reflect you and your family's personality—the things that will keep your home up-to-date for years to come.

Give particular attention to your windows. They can do so much in adding beauty to exteriors, charm to interiors.

Remember too, that while many of the features of your house—such as wallpaper, floor coverings, drapes and furniture—can be easily changed, windows are a part of the basic structure. That's why it is so important that you give careful thought to their selection now.

Of course, you'll want aluminum windows—ALWINTITE Aluminum Windows—in your new home. It just won't be up-to-date without them. And what's more, like everyone else who has ever experienced their many luxuries, you're simply going to "fall in love" with these truly modern windows.

You'll particularly like the way they do things for your home—the way their smart appearance gives new charm to interiors as well as exteriors—the way their neutral color helps you get the most from your decorative schemes—the way their narrow sight lines increase the glass area as much as 25%, adding extra sunshine to your rooms.

You'll like, too, the fact that these modern aluminum windows save you money year after year. They cannot rust or rot out and you never have to paint them. Just wiping them off as you wash the windows keeps them clean and bright. And what's more, they never have trouble with warping, swelling or sticking—they're always easy to operate. Just a touch of the finger and with an effortless movement they open or close—never any tugging or pulling. Their patented, built-in weather-stripping assures a window that's really weathertight—one that keeps out drafts and rain and one that helps you cut fuel costs.

To make sure that you enjoy all the luxuries of these fine aluminum windows in your new home, ask your architect or builder to include ALWINTITE Aluminum Windows.



**Art, trim appearance—**  
ALWINTITE aluminum windows add beauty to any home, to any room. Their narrow, trim lines and smart-looking neutral color fit all styles of architecture, any type of exterior construction.



**Easy to drape and decorate—**The trim, graceful lines and pleasing neutral color of ALWINTITE windows blend with and enhance the beauty of any decorative theme. Easy to drape, they can be used with or without glass curtains or venetian blinds.

**Never any painting—**Think of the money you'll save and the bothersome inconvenience you'll avoid with windows that never need painting. These windows don't rot or rust. And they'll keep their clean, trim look if you just wipe them with a damp cloth.



**Narrow frames admit more light—**The narrow frames and muntins on ALWINTITE windows increase the glass area, let in more sunshine and light to brighten your rooms.

Enjoy all these outstanding advantages with

**ALWINTITE**  
*aluminum*  
**WINDOWS**

**Always easy to open—**No pushing or pulling, ever. These windows can't warp, swell or stick. They are feather-light and slide up or closed with an easy, effort-free motion—even after many years of service.



**Built-in weatherstripping saves fuel**  
Patented, built-in weatherstripping all around ALWINTITE windows keeps out cold drafts and rain—saves you many dollars in fuel bills.

**Easily screened and storm-protected—**No more climbing ladders with clumsy, heavy, back-breaking storm windows and screens. Special tight-fitting, easy-handle aluminum storm sash screens are available for all ALWINTITE windows.



**Increased resale value—**ALWINTITE aluminum windows are truly "the windows of tomorrow." They will help keep your new home up-to-date looking for many years. They will increase its marketability and resale value should you ever want to sell.



# ALWINTITE—America's most



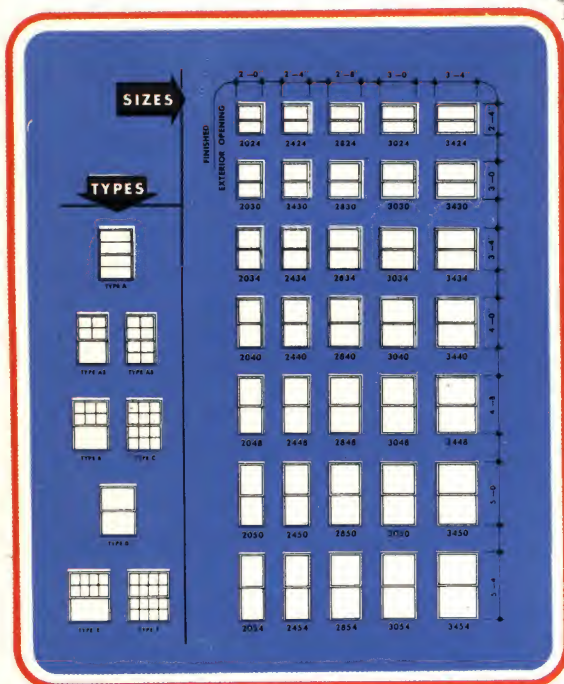
Hundreds of thousands of ALWINTITE double aluminum windows have been installed in homes and apartments from coast to coast during the past few years.

Hundreds of thousands of happy, satisfied families have been singing the praises of these windows ever since.

The women like them because their trim, graceful lines are a thing of beauty, because they blend easily with any color or decorative theme, because they open and close so effortlessly and because they're so easy to keep clean and new looking.

And the men of the house are impressed by the precision construction, their strong extruded aluminum sections, their built-in weatherstrip that prevents heat loss, saves fuel, their rust-free, rot-free qualities that eliminate the need for periodic painting.

Regardless of which features appeal to you, you'll make a wise decision when you choose ALWINTITE aluminum windows for your new home.

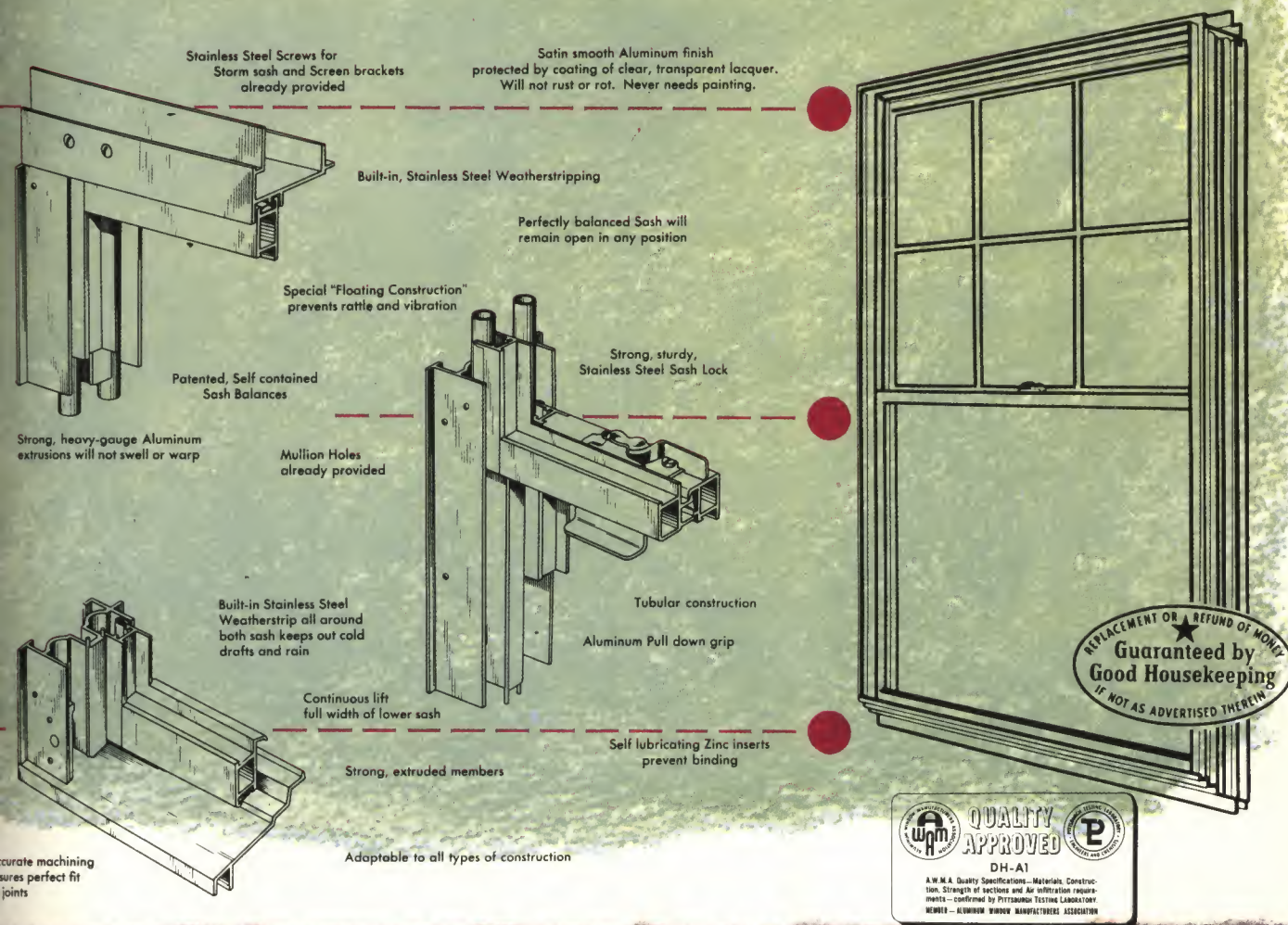


**INTERESTING WINDOW ARRANGEMENTS**—corner windows, bay windows and groups of two, three or more windows are easy with ALWINTITE. The narrow thin-line mullions (90°, 135° and 180°) add trim lines and distinctive beauty to any home.



# DOUBLE-HUNG ALUMINUM WINDOWS!

## LOOK AT THESE BUILT-IN QUALITY FEATURES



Stainless Steel Screws for Storm sash and Screen brackets already provided

Satin smooth Aluminum finish protected by coating of clear, transparent lacquer. Will not rust or rot. Never needs painting.

Built-in, Stainless Steel Weatherstripping

Perfectly balanced Sash will remain open in any position

Special "Floating Construction" prevents rattle and vibration

Patented, Self contained Sash Balances

Strong, heavy-gauge Aluminum extrusions will not swell or warp

Mullion Holes already provided

Built-in Stainless Steel Weatherstrip all around both sash keeps out cold drafts and rain

Strong, sturdy, Stainless Steel Sash Lock

Tubular construction

Aluminum Pull down grip

Continuous lift full width of lower sash

Self lubricating Zinc inserts prevent binding

Strong, extruded members

Adaptable to all types of construction

Accurate machining assures perfect fit joints

REPLACEMENT OR REFUND OF MONEY  
Guaranteed by Good Housekeeping  
IF NOT AS ADVERTISED THEREIN

**QUALITY APPROVED**  
DH-A1  
A.W.M.A. Quality Specifications—Materials, Construction, Strength of sections and Air infiltration requirements—confirmed by PITTSBURGH TESTING LABORATORY.  
MEMBER—ALUMINUM WINDOW MANUFACTURERS ASSOCIATION



**PICTURE WINDOWS** bring outside beauty right into your home. Include at least one picture window in your living room or dining room. They can be used independently or flanked on each side by double-hung windows for ventilation. ALWINTITE picture windows accommodate either  $\frac{1}{4}$ " plate glass or 1" double glass of the "Thermopane" or "Twindow" type.



**SCREENS and STORM SASH** that are light in weight and are easy to put up or take down from the inside are available for all sizes of ALWINTITE double-hung windows. Made entirely of aluminum, they will not rust-stain your house.



**Yes**—*there is something new in windows!*

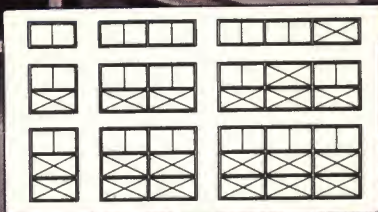
## ALWINTITE Sliding WINDOWS



Here's a new type window that is getting plenty of "raves" everywhere. It's the new ALWINTITE sliding window—perfect for ranch-type and modern design houses.

Precision-made from strong extruded aluminum sections. The sash of this modern, new window slides horizontally from side to side. And what's more, both sash can be readily lifted out from the inside for easy cleaning or to provide 100% ventilation when desired. Strong stainless steel hardware and weatherstrip give you positive locking and weather-tight draft protection.

Placed 4'4" from the floor these windows give you more light, more ventilation, more privacy and more usable wall space for furniture arrangement. You can use ALWINTITE sliding windows singly in many interesting combinations with or without fixed lights (see chart). Screens and storm sashes to fit are also available.



## ALWINTITE VIEWWall

*Brings outdoor beauty inside!*

VIEWWall puts a frame around a sweeping view or a friendly garden and brings it right into your living room—makes the freshness and color of outdoors a real and wonderful part of your home. Beautifully designed with trim, ever-new lines and generous dimensions (nine feet wide by six feet high) VIEWWall is a delightful addition to any home. There are seven fixed and two movable window sections for ventilation.





and for you with wood windows

# ALWINTITE Combination STORM WINDOWS

FEATURING

## TRIPLE CHANNEL DESIGN

(NOT TO BE CONFUSED WITH TRIPLE TRACK)



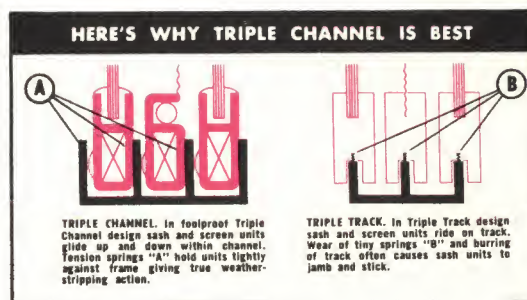
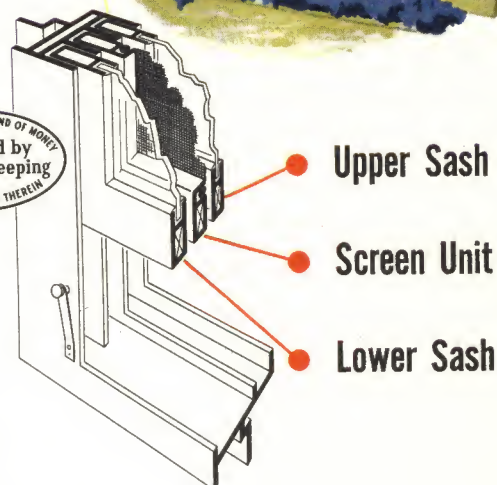
### FINEST

for **BEAUTY** and **DESIGN**  
for **ECONOMY** and **VALUE**  
for **YEAR-ROUND COMFORT**  
for **CONVENIENCE**

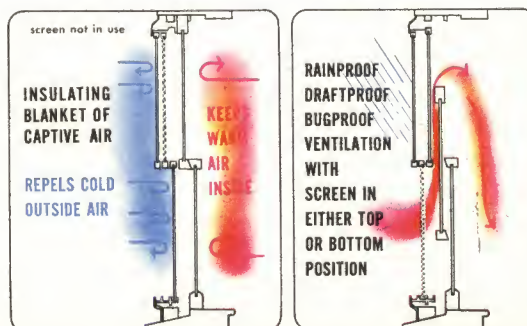
ALWINTITE combination Storm Windows and Screens are a once-in-a-lifetime investment—an investment that will pay for itself many times over in actual dollars-and-cents savings as well as in added comfort and protection for your home. Before you buy any combination windows study these many outstanding ALWINTITE features and see for yourself why ALWINTITE is your “best buy.”

### check these features

- **TRIPLE CHANNEL** for efficient, all-weather, ventilation control. Each section moves freely in its own channel permitting easy control of screened ventilation.
- **SELF-STORING** eliminates your storage and change-over problems forever. No more “putting up and taking down.” ALWINTITE is instantly adjustable to any change in the weather. Screen stores neatly behind upper sash when not in use.
- **AUTOMATIC SECURITY LOCK** keeps your home safe from prowlers. Each section locks securely in position.
- **DRAFT-FREE DESIGN** provides weatherstripping action through patented pressure closure. Cuts out cold drafts and heat losses—saves up to 40% in fuel.
- **FINGERTIP OPERATION** through adjustable tension springs which “float” sections up or down or hold them in any desired position. No binding or freezing.
- **EXTRUDED ARCHITECTURAL ALUMINUM** provides extra strength for lifetime service. Aluminum frames and “Alclad” aluminum screening cannot rust-stain your house. Never need painting or other maintenance expense.
- **PRECISION-MADE** by the world’s largest manufacturer of quality aluminum windows.



### HERE'S HOW ALWINTITE GIVES YOU ALL-WEATHER PROTECTION






you can depend on **ALWINTITE**

a product of **GENERAL BRONZE CORPORATION**

**WORLD FAMOUS FOR ITS FINE WINDOW INSTALLATIONS**



ALWINTITE aluminum windows are manufactured by General Bronze Corporation, the world's largest manufacturer of quality aluminum windows. For more than 40 years "Windows by General Bronze" have been recognized and accepted by architects, builders, decorators and homeowners as the best.

Aluminum window installations by General Bronze are to be found in hospitals, schools, apartments, public and commercial buildings from coast to coast. Such outstanding buildings as the United Nations Building, Lever House and the 100 Park Ave. skyscraper in New York City all feature windows by General Bronze.

ALWINTITE residential aluminum windows are to be found in countless thousands of individual residences in all price classes. Because of their important money-saving economies they have also been selected by many large insurance companies for their investment housing projects such as Hancock Village, Brookline, Mass., owned by the John Hancock Life Insurance Company, and Fordham Hill apartments, owned by the Equitable Life Assurance Society.

To make sure you get all the advantages of aluminum windows at their best, ask your architect and builder to include ALWINTITE windows in your new home.



*Build right  
with Alwintite!*

*Alwintite Aluminum Windows are distributed by leading building supply and lumber dealers in every area*

**GENERAL BRONZE  
CORPORATION**

**ALWINTITE DIVISION**

**Stewart Avenue • Garden City, N. Y.**





G-E OIL OR GAS WARM AIR FURNACES

G-E OIL OR GAS BOILERS

G-E **AIR-WALL** HEATING

# "How shall we heat our new home?"

Condensed basic information to help you choose the right heating equipment.

## WHICH FUEL?

**GAS** is a very clean and simple fuel. Be sure to get an up-to-date cost estimate for your home from your G-E Home Heating Dealer or your Gas Company.

**GENERAL ELECTRIC** makes gas warm-air furnaces and boilers. Both are famous for clean, quiet operation—high efficiency, quick heat.

**OIL** is popular and dependable. An *efficient* oil heating unit is your best assurance of minimum oil bills. Your G-E Home Heating Dealer will gladly survey your home and submit a proposal showing estimated fuel savings with G-E.

**G-E OIL FURNACES AND BOILERS** are designed for real heating comfort and long, trouble-free life at lowest operating cost. It's not the first cost—it's the fuel cost that's important. Ask about the benefits of the fuel-saving G-E "Turn-Back Flame."

## WHICH HEATING SYSTEM . . . AND TYPE OF HEAT DISTRIBUTION?

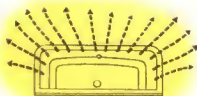
**FORCED WARM AIR HEAT** has many advantages. In G-E Gas or Oil Furnaces, air is warmed, filtered, humidified, circulated. Filtered air means cleaner air, easier house-keeping. Humidified air is more healthful and comfortable. Circulated air keeps room temperatures more uniform during winter, adds comfort in summer, too.

G-E Oil or Gas Warm Air Furnaces take up little space, make extra room. No basement needed—tuck away in alcoves or utility rooms. These G-E designed—G-E assembled—G-E tested units offer maximum heating comfort at lowest fuel costs.



**CONVENTIONAL REGISTER**—for warm air heating systems. Furnace delivers and circulates warmed air through room registers. Air is returned to furnace through grilles.

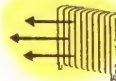
**G-E AIR-WALL HEATING... Forced Warm Air plus Radiant Heat!** May be installed with G-E Oil or Gas Warm Air Furnaces—offers superior performance over conventional systems. *Air-Wall* registers direct warm air up over cold outer walls—warming them so they actually *radiate* heat. Described in detail on the next two pages.



**STEAM, VAPOR, OR HOT WATER HEAT** is installed as either a one-pipe or two-pipe system. The latter costs more for installation, but is usually considered worth it because of better control and faster delivery of heat.

**G-E OIL OR GAS BOILERS** offer unique advantages for "wet" systems. Extremely fast heat transfer from flames to water. G-E design permits efficient operation with small water content—no long waits for comfort while needless extra gallons soak up heat. G-E Oil Boilers provide year 'round supply of domestic hot water.

**RADIATOR**—for steam, vapor, or hot water systems—delivers warmth by radiation, like the sun—can be recessed into walls.



**CONVECTOR**—for steam, vapor, or hot water heating—thin metal fins transfer heat from pipe to air—air is drawn in bottom, passed out top. Can be recessed into walls.



**RADIANT PANEL**—for hot water heating—coils of pipe or tubing imbedded in floors, ceilings, or walls. Radiant principle allows lower air temperatures.



**BASEBOARD**—for hot water heating—radiators in form of metal baseboards installed along bottom of walls—very uniform heating.



GENERAL  ELECTRIC



"How shall we heat our new home?"

fuel: OIL or GAS  
system: WARM AIR

AN AMAZING NEW METHOD OF DISTRIBUTING HEAT  
from a General Electric Oil or Gas Warm Air Furnace

\* greater comfort

\* greater savings



# AIR WALL

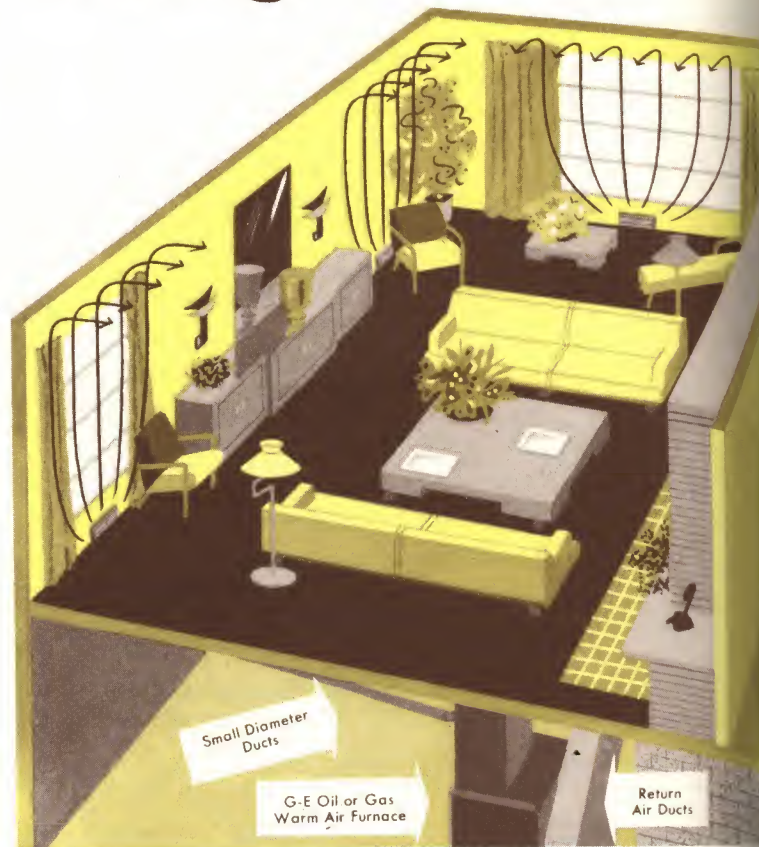
## heating

WARM AIR HEAT  
**PLUS**  
RADIANT HEAT

### combining:

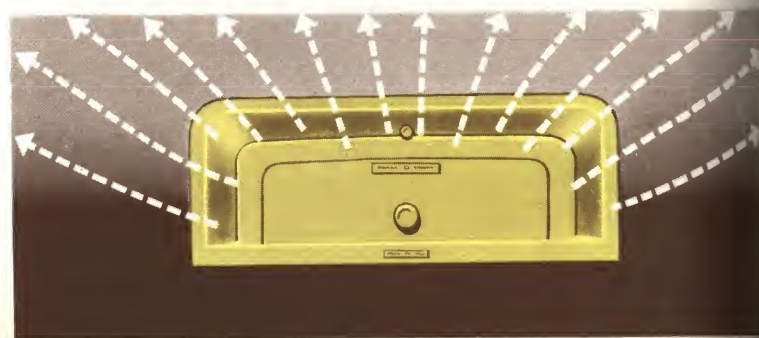
- G-E Oil or Gas Warm Air Furnace
- Small diameter, low cost, easily installed, round ducts
- G-E Air-Wall Registers

Here is an advanced scientific method of distributing heat from a warm air furnace, employing small-size ducts that are easy to install and a completely new type of register. A product of G-E research and engineering, the new G-E Air-Wall Registers direct the warm air up and out in front of the wall in a fan-like pattern . . . warming the cold surface. No worry about furniture placement, no blasts of hot air into the center of the room. Balanced heat in every room with comfortable floor-to-ceiling temperatures. Conveniently located, return air grilles provide for proper air circulation.



## TWO TYPES OF HEAT IN ONE

Notice the pattern of heated air from the unique G-E register. It blankets the cold walls of the rooms in your house with warm air, so they actually radiate heat, thus providing *warm air heat* and *radiant heat* in one system.





**ONLY G.E.** offers such a completely engineered heating system. From thermostat to furnace to registers—every part a smoothly working member of the whole!



### FREEDOM OF FURNITURE PLACEMENT

You can place your easy chair directly in front of the G-E Air-Wall Register and feel no draft . . . no uncomfortable hot blasts . . . no blasts of cold air when the fan starts.



### QUIET

Small *Air-Wall* ducts dampen furnace noise more readily than large ducts. G-E *Air-Wall* Register design with insulated damper gives quieter air circulation.



### BALANCED HEAT FLOW TO ALL ROOMS

You can accurately adjust heat flow to each room in your home by simple adjustment of the damper on each duct, with minimum disturbance to the "balance" of heat to other rooms.



### BEAUTY FOR YOUR HOME

G-E furnaces are compact and handsome. *Air-Wall* ducts are small and neat. *Air-Wall* operates with the G-E Warm Air Furnace—oil or gas. Ideally suited to every type of home— with or without basement.



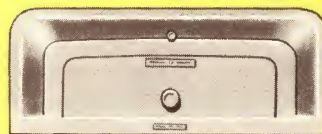
### COMFORTABLE FLOOR-TO-CEILING TEMPERATURES

The wall of warmed air diffuses quickly throughout the room to give uniform temperatures. Warmer floors, too!



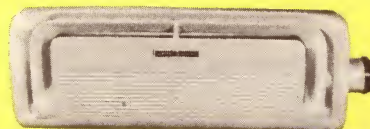
### G-E Standard *AIR-WALL* Registers

Attractively designed for any room, these registers cause the heat to flow up and out in front of the cold walls and windows of a room. This counteracts the natural cold drafts normally sliding down these surfaces.



### G-E Automatic *AIR-WALL* Registers

NEW de luxe automatic *Air-Wall* Registers provide the full benefits of G-E *Air-Wall* Heating plus automatic individual room temperature control. Merely set the warmth you want on the hand dial of each register and the flow of furnace warm air through the register is automatically adjusted to keep each room temperature exactly as desired.



Your choice of these  
G-E *AIR-WALL* Registers



# *AIR-WALL* heating

... Ask your G-E  
Home Heating  
Dealer  
about it today!





"How shall we heat our new home?"  
 fuel: GAS  
 system: WARM AIR

# gas warm air furnaces

Designed for use with G-E AIR-WALL HEATING or with any forced warm air system.

## COMFORT AND CONVENIENCE . . . ECONOMICALLY

The General Electric Gas Warm Air Furnace does *more* than merely give you comfortable, automatic warmth. It gives you an ideal indoor climate throughout the heating season . . . at a surprisingly low operating cost. It's an extremely simple and compact unit that's dependable in operation. And it's completely modern!

Here's what the G-E  
 Gas Warm Air Furnace  
 does in your home...



**HEATS!** Automatically warms the air to the temperature you desire.



**CIRCULATES!** Moves the warmed air gently throughout all the rooms in your home, for even temperatures.



**HUMIDIFIES!** Healthfully moistens the air to relieve the dryness that's so unpleasant in wintertime.



**FILTERS!** Keeps the air cleaner by forcing all return air through replaceable glass wool filters which strain out dirt and dust. You keep a cleaner house, with less dusting and vacuuming, lower cleaning bills.



**SUMMER COMFORT, TOO!** Even in the summer, your G-E Gas Warm Air Furnace gives you greater comfort. During hot weather the blower may be kept operating alone, gently circulating filtered air throughout the house.

Here's how you save  
 with a G-E  
 Warm Air Furnace!

### EFFICIENT G-E HEAT TRANSFER



**UNIT . . .** the unique cast-iron "pin-point" surface quickly absorbs the highest possible heat value from the hot gases, giving you, not your chimney, full warmth from the fuel.

The hundreds of protruding "pin-points" each act as miniature heating units. They save you money by cutting heat loss.

**ECONOMICAL G-E GAS BURNER** is designed for durability with cast-iron construction and brass orifices . . . instant ignition and sure performance. Because burner openings are the right size, flames are quiet-burning.



**ATTRACTIVE!** The blue-grey finish of the G-E Gas Warm Air Furnace blends beautifully with any decorative scheme. Small, compact! **COMPLETELY COORDINATED UNIT** with no waste space. The G-E gas furnace is tailor-made to solve your heating problems. Insure complete winter comfort by installing the G-E Gas Warm Air Furnace.

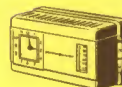
G-E Gas Warm Air Furnaces have been approved by the American Gas Association and are listed by Underwriters' Laboratories, Inc.



## DEPENDABILITY AND CONVENIENCE WITH THESE G-E AUTOMATIC CONTROLS



**G-E ROOM THERMOSTAT** Comfort-Dial—standard equipment—maintains the room temperatures you want.



**G-E CLOCK THERMOSTAT** optional—controls day and night temperatures—lets you sleep later, get up to a warm house—saves fuel.

### PLUS



**G-E FAN SWITCH** automatically turns on fan when air in the unit reaches a comfortable temperature—turns it off after burner has stopped and temperature in unit has cooled.



**G-E LIMIT CONTROL** automatically shuts off flame if furnace temperature rises too high, allows it to start again when normal temperatures prevail.



**G-E SAFETY PILOT** ignites gas from the burner when thermostat calls for heat. If the pilot goes out, the G-E safety pilot automatically stops all gas flow to the burners, even though the thermostat is calling for heat.



**MAIN GAS CONTROLS** regulate gas pressure, automatically turn gas off when house has reached the proper temperature. If there is a power failure, gas flow can be controlled manually.





"How shall we heat our new home?"  
 fuel: OIL  
 system: WARM AIR

# oil warm air furnaces

Designed for use with G-E AIR-WALL HEATING or with any forced warm air system.

## NEW ECONOMY . . . NEW COMFORT

General Electric Warm Air Furnaces bring you the latest developments in automatic home heating! They're the result of years of G-E research and study in controlling the conditions of the air you breathe. They bring you greater comfort . . . at less cost.



Here's What The Modern  
 G-E Oil Warm Air Furnace  
 Does In Your Home...



**HEATS!** Delivers the most warmth, at the least fuel cost . . . automatically.



**HUMIDIFIES!** Moistens the air you breathe to relieve the dryness that's so unpleasant in winter.



**FILTERS!** Dust and dirt are filtered from the air by replaceable panels of spun glass wool. Hours saved in dusting and house cleaning.

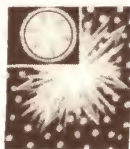


**CIRCULATES!** The G-E blower distributes the heated air quietly throughout your home. Helps avoid spots that are too warm or too cold.



**SUMMER COMFORT, TOO!** During hot weather, your G-E Oil Warm Air Furnace gives you greater comfort. Turn on the blower alone—air will be gently circulated through the house.

## WHY YOU SAVE MONEY

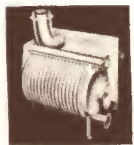


**G-E. BURNS ALL THE OIL!** The famous G-E low-pressure "Atomizer" method of burning oil is used.

Every drop is shattered into millions of particles, which are mixed with air. Additional air is brought into the combustion chamber, causing the oil to burn completely.



**G-E "TURN-BACK FLAME"** gives the greatest amount of heat for every drop of oil burned.



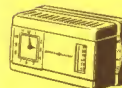
**QUICK HEAT!** The G-E heat transfer element is made of rugged steel with external finned surfaces for high heat transfer rate.

When the burner is on, heat is transferred *rapidly* to the air moving to the rooms of your home.

## G-E CONTROLS AND SAFETY FEATURES MEAN COMPLETE DEPENDABILITY



**G-E ROOM THERMOSTAT** accurately maintains the room temperature you select.



**NEW optional G-E CLOCK THERMOSTAT** gives you automatic day and night control. Just set it once, the furnace will operate at a fuel-saving, lowered night temperature, then automatically change over to desired daytime temperature.

## PLUS



**G-E FAN SWITCH** automatically starts blower when the furnace has warmed up. Fan continues to run after burner shuts off to take advantage of heat still in the furnace.



**G-E MASTER CONTROL** with clock-like precision—times the sequence of operations during oil burning cycle.



**G-E FLAME DETECTOR** shuts down unit in case of flame failure.



**G-E LIMIT CONTROL** shuts off burner if furnace temperature rises too high, allows it to start again when temperature drops sufficiently.



**G-E AUTOMATIC SHUT-OFF VALVE** prevents oil flow when unit is not operating.

**ATTRACTIVE, COMPACT!** The G-E Oil Warm Air Furnace is small and smart-looking. The handsome grey finish will blend with any decorative scheme. You'll be able to have a furnace room that's as clean and attractive as any part of the house.

**G-E OIL WARM AIR FURNACE** is completely G-E factory-built and tested, shipped as a packaged unit. Listed by Underwriters' Laboratories, Inc.





"How shall we heat our new home?"  
 fuel: **GAS**  
 system: Steam, Vapor, or Hot Water

# gas boilers

G-E GAS BOILERS have been approved by the American Gas Association and are built to conform to American Society of Mechanical Engineers Code.



## QUICK, QUIET...ECONOMICAL GAS HEAT

The new General Electric Gas Boiler *comfort-conditions* your home... gives you clean, trouble-free heat... maximum heating value from the gas flame. The design is based on the famous G-E philosophy—"Parts of a machine that are to work together must be *designed* to work together".

Here's how the efficient  
 G-E Gas Boiler  
 provides the most heat  
 ...at rock bottom cost



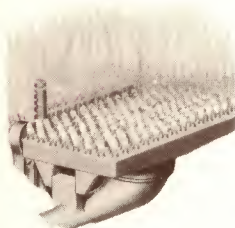
### QUICK HEAT!

Note the design of the highly efficient heat transfer unit. Unique, water-filled, *diamond-shaped* projections on the cast-iron boiler sections, over which the hot gases

pass, break up the flow of these gases and give them a turbulence. This results in faster heat absorption, heat transfer which means faster delivery to the rooms of your home.

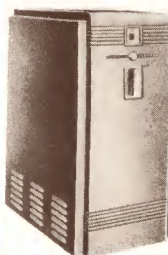
### QUIET HEAT THAT'S CLEAN!

All burners in the G-E Gas Boiler are designed and sized to burn completely the specific type of gas used in your area. That means you get even,



smooth ignition and quiet-burning flames. Careful attention to gas combustion design details throughout the boiler maintains the inherent cleanliness of gas as a fuel.

Here are additional  
 features  
 for your heating  
 satisfaction



### DECORATOR STYLED!

Why have an old-fashioned, fuel-greedy boiler when you can own a compact, smartly styled G-E Gas Boiler. Its clean, blue-grey finish blends with any decorative scheme... helps you change your

"cellar" into an attractive basement room. Easy to keep clean, too. Just wipe with a damp rag as you would your refrigerator.

**TROUBLE-FREE!** Many case histories on file back the reputation of the G-E Gas Boiler for reliability. They show years of continuous, trouble-free operation. Here is a unit that assures you of clean, comfortable, even, automatic heat!

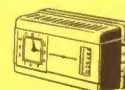
**ECONOMICAL!** Low cost operation is the result of careful selection of materials and coordination of design. G-E research engineers have developed a complete, efficient heating unit which gets full value from the gas fuel. The G-E Gas Boiler with its minimum water content provides *fast* heat, means lower fuel bills!



## DEPENDABILITY AND CONVENIENCE WITH THESE G-E AUTOMATIC CONTROLS



**G-E ROOM THERMOSTAT** with Comfort-Dial, permits you to set and hold the desired room temperature.

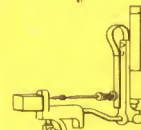


**NEW optional G-E CLOCK THERMOSTAT** makes available completely automatic day and night room temperature control. Handsomely styled and containing an accurate, handy G-E electric clock.

## PLUS



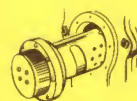
**G-E LIMIT CONTROL** shuts off burner if steam pressure or water temperature gets too high. Automatically restarts unit when normal conditions return.



**G-E SAFETY PILOT** ignites the gas when thermostat calls for heat, turns off gas if the pilot goes out.



**MAIN GAS CONTROLS** regulate gas pressure, automatically turn gas off when house has reached the proper temperature. If there is a power failure, gas flow can be controlled manually.



**LOW WATER CUTOFF** for steam applications—stops gas supply when water level drops too low, prevents the burner from starting until water level is brought up to proper level.





"How shall we heat our new home?"  
**fuel: OIL**  
**system: Steam, Vapor, or Hot Water**

THE G-E OIL BOILER is built in conformance with the American Society of Mechanical Engineers Code and listed by Underwriters' Laboratories, Inc.



# oil boilers

**SKILLFULLY ENGINEERED** to give you  
 luxury comfort with extremely low fuel costs.

Here is the famous G-E Oil Boiler—a completely coordinated heating unit . . . G-E planned, G-E designed and built to give you the most heat . . . at the least cost . . . from every drop of oil you burn. It's packed with engineering features that spell greater home comfort and economy for you! If you're planning on oil heat, the General Electric Oil Boiler offers you exceptionally high, year-round efficiency.

Why G-E Oil Boiler  
 saves you money—  
 gives more comfort

Now—instantaneous  
 domestic hot water  
 all year long!

## G-E BURNS ALL THE OIL!

The G-E non-clog burner nozzle mixes oil and air, then atomizes the oil bubbles into millions of quick-flaring particles, which burn completely.

## G-E "TURN-BACK FLAME"

**gives more heat, clean heat!**  
 The down-burning flame turns back on itself, and you get long 2-way flame travel . . . with the greatest amount of heat. Flame burns *clean* because it *burns all the oil*.

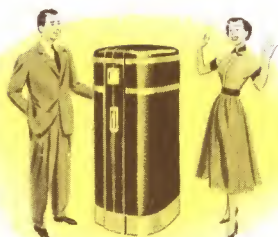
**QUICK HEAT!** G-E steel combustion chamber walls permit rapid transfer of heat from flame to water and extract all possible heat from fast-burning oil, quickly! In the G-E Oil Boiler there are no unneeded, extra gallons of water to soak up heat.

**G-E "HEAT TRAP" DESIGN SAVES FUEL!** Scientifically designed flue passage is at bottom, so less heat is lost up chimney. Heat continues longer during shut-down periods, too!

G-E's new built-in instantaneous, finned hot water coil gives you an abundance of hot water for showers, baths, and washing of clothes and dishes. Provides low-cost hot water all year long—right from the same unit.



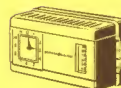
**ATTRACTIVE!** The G-E Oil Boiler is small and compact, with a handsome blue-grey finish that's as easy to keep clean as your refrigerator. You'll be proud to display it to guests and its trim jacket will fit into the decorating plans of any area where it may be installed.



## G-E CONTROLS AND SAFETY FEATURES MEAN COMPLETE DEPENDABILITY



**G-E ROOM THERMOSTAT**  
 lets you select the room temperature you want.



**Optional G-E CLOCK THERMOSTAT**  
 automatically sets back temperature at night, turns it up in the morning. Enjoy added fuel savings with the pleasure of a warm house when you get up!

## PLUS



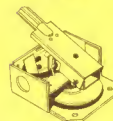
**G-E FLAME DETECTOR**  
 shuts down unit within 5 seconds in case of flame failure.



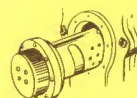
**G-E LIMIT CONTROL**  
 maintains proper boiler water temperature—shuts down unit if pressure or temperature gets too high.



**G-E MASTER CONTROL**  
 electrically coordinates all starting and running.



**G-E FLUE PRESSURE SWITCH**  
 shuts off unit in case of undue pressure in flue passages.



**LOW WATER CUTOFF**  
 for steam applications—stops burner if water level is too low.

"Many home owners report fuel savings up to 50%"



**NOW!** — the latest in year 'round home weather control — one system to cool, heat, filter, humidify, dehumidify



# year 'round home air conditioning

## G-E PACKAGED AIR CONDITIONER combined with G-E OIL or GAS WARM AIR FURNACE

- COOLS
- HEATS
- FILTERS
- HUMIDIFIES
- DEHUMIDIFIES
- VENTILATES
- CIRCULATES

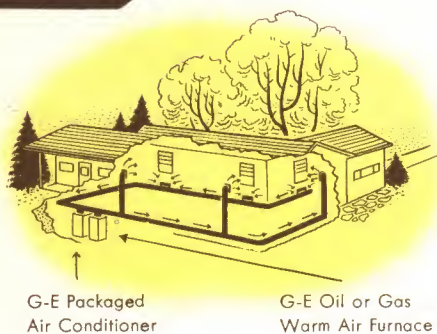
*Air conditioning for offices, stores and other business locations has now become a matter of course. But—have you thought of proven air conditioning equipment as the one top feature that will make your new home a crowning success? Here's a G-E year 'round air conditioning system that will assure comfortable room temperatures all year long.*

**Successfully Used All Over the Country!** G-E Year 'Round Home Air Conditioning has been installed not only in individual homes, but in builders' developments in many parts of the country.

**Surprisingly Inexpensive!** You will be surprised at the low cost of adding a G-E Packaged Air Conditioner to your heating system during building. Recently a well-known builder in Philadelphia did so in homes that sold for \$16,500.

**Easily Installed!** The G-E Packaged Air Conditioner is factory assembled and tested. Merely connect it in parallel to the warm air heating ducts. In most cases these are adequate for cooling, too.

**Simple Controls!** The G-E Packaged Air Conditioner has a built-in air stream thermostat, that controls the temperature of the flow of cooling air. A start-stop switch can be mounted at any spot in the living area.



G-E Packaged  
Air Conditioner

G-E Oil or Gas  
Warm Air Furnace

*You can put your confidence in—*

**GENERAL  ELECTRIC**





NEW PATTERNS  
NEW COLORS  
IN

**Textolite\***

**PLASTICS  
SURFACING**

**Tops**

FOR GOOD LOOKS  
AND HARD WEAR  
FOR

tables  
work surfaces  
bars and counters  
doors and wall  
paneling  
show cases  
window sills  
furniture  
elevator interiors  
lavatory-vanities

This cover is a reproduction  
of the G-E Textolite pattern,  
Gray "Cross Current"

GENERAL  ELECTRIC

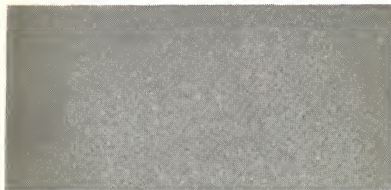


Choose from this new

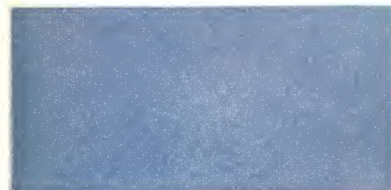
**SOLID  
COLORS**



10403  
GERANIUM RED



10421  
GRAY



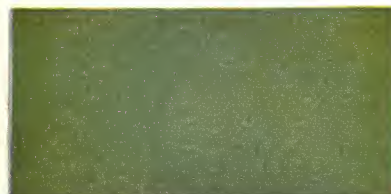
10418  
POWDER BLUE



10419  
ROYAL BLUE



10417  
CRIMSON



10410  
GREEN MANSIONS



10423  
FLAME



10422  
YELLOW

10700  
BLACK

**NATURAL WOOD DESIGNS**



10300  
RIBBON MAHOGANY



10302  
BROWN MAHOGANY



10301  
RED MAHOGANY

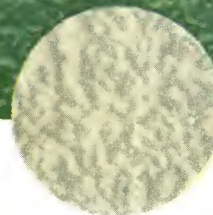
**REGENT**



10566  
GREEN



10565  
BLUE



10562  
GRAY



10564  
RED

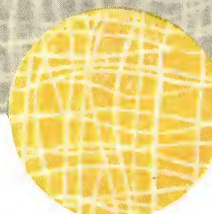


10563  
YELLOW

**MEDLEY**



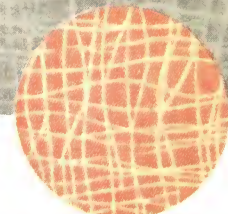
10524  
GRAY



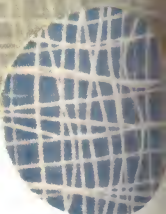
10568  
YELLOW



10569  
GREEN



10570  
CORAL



10571  
BLUE



# f GENERAL ELECTRIC Textolite color pat

(reproductions are as accurate as modern high-speed printing methods will permit.)



10303  
BLONDWOOD



10304  
TAN LIMED OAK



10305  
GRAY LIMED OAK



10306  
RIFT OAK

## CROSS CURRENT



548  
LOW



10527  
RED



10528  
BLUE



10573  
GREEN



10529  
GRAY



10531  
TAN

## IRISH LINEN



559  
ED



10560  
BLUE



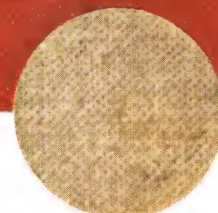
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10561  
GREEN



10557  
GRAY



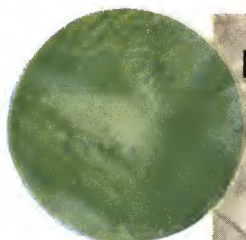
10558  
TAN



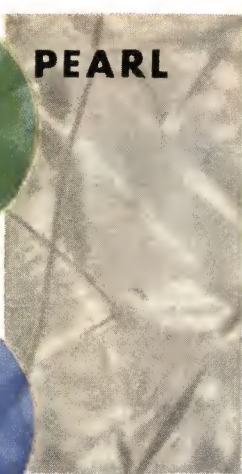
# terns



10307  
WALNUT



10578  
GREEN



PEARL



10579  
BLUE

10553  
GRAY



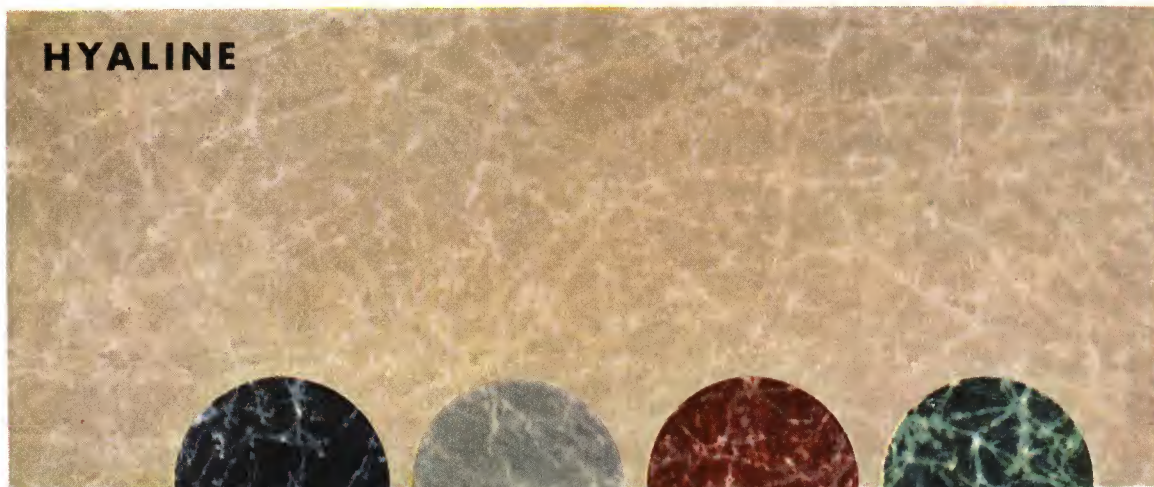
10572  
GRAY CRYSTALITE



10567  
RED



10556  
YELLOW

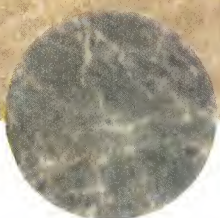


HYALINE

10536  
BUFF



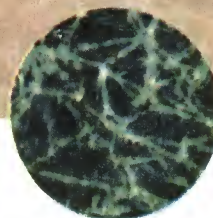
10534  
SLATE



10533  
BLUE



10575  
ROSE QUARTZ

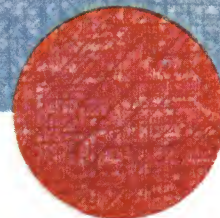


10574  
GREEN

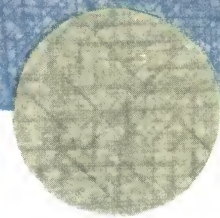


VELO

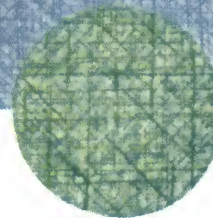
10538  
BLUE



10537  
RED



10539  
GRAY



10541  
GREEN



10540  
TAN

CTRIC

ACING

lk, coffee, ol  
tonia, mustar

... no eff

aphtha, tolu  
ink, iodine.

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Textolite

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TOLITE

Kansas City 3, Ka

St. Louis 1, Miss  
Los Angeles 58, C  
Los Angeles, Cali  
San Francisco 24,  
San Francisco, Ca  
Baltimore, Md.  
Orlando, Florida  
Pittsburgh 12, Pa  
Milwaukee 8, Wi



General Electric Textolite plastics tops are an ideal combination of beauty and durability for a variety of decorative applications.

You decorate to obtain atmosphere, and G-E Textolite plastics tops enhance any decorating scheme. Each pattern has been designed with this in mind, and each pattern is available in carefully selected colors which will harmonize with the decorating scheme you choose.

G-E Textolite plastics tops can *take* it, too. They aren't stained by foods. They resist alcohol, boiling water, even burning cigarettes. Ordinary household chemicals don't affect them. And G-E Textolite plastics tops are so easy to clean—all that is required is the swish of a damp cloth to restore their lustrous beauty.

Use G-E Textolite plastics surfacing on kitchen counters, on dinettes, on tables or work surfaces; in hotels, cocktail lounges, hospitals, schools, soda fountains, snack bars, or lunch-conettes.

Illustrated in this booklet are the *new* patterns and colors in which G-E Textolite plastics surfacing material is now available.



FOR RESTAURANTS



FOR KITCHENS



FOR SODA FOUNTAINS



FOR COCKTAIL LOUNGES



**Textolite\***  
\* Reg. U. S. Pat. Off.

**PLASTIC TOPS**

**WEAR LIKE IRON -  
CLEAN LIKE GLASS**




FOR WAINSCOTING



FOR WORK SURFACES





# GENERAL ELECTRIC


## Textolite\*

Reg. U. S. Pat. Off.


### PLASTICS TOP

WEARS LIKE IRON • CLEANS LIKE GLASS


Heat-resistant



Wear-resistant



Stain-resistant




**THIS TOP WILL RESIST:**

**BOILING WATER**

**HOT GREASE**

**FRUIT ACIDS**

**ALCOHOL**



Wipes sparkling clean with a damp cloth. May be waxed.

# GENERAL ELECTRIC

CDL-33

PEEL HERE

This label identifies beautiful, durable General Electric Textolite plastics tops. Look for it on dinette tables and kitchen counters.

CDL-32-1 (8-51-75M)

# GENERAL ELECTRIC

## TEXTOLITE\* PLASTICS SURFACING

\*Reg. U. S. Pat. Off.

### PROPERTIES

24-hour immersion in alcohol, fruit juices, milk, coffee, oil, lard, oleic acid, vinegar, household ammonia, must soaps and detergents . . . . . no effect

Left to evaporate on surface: wood alcohol, naphtha, to xylol, ether, formaldehyde, acetone, chloroform, ink, iodine . . . . . no effect

Boiled in water 60 minutes . . . . . no effect

Weatherometer . . . . . no failure

Hot wax (180 C) in pan placed on surface . . . . . no effect

Cigarette test—withstands short exposure to 300 F—rarely tters under lighted cigars or cigarettes.

### FINISHES

Satin Finish or High Polish: Satin Finish is recommended for most applications since light reflection is minimized.

### CUSTOM DESIGN

Inlays, overlays, and special treatment of surface sheets are expertly formed in G-E Textolite by General Electric craftsmen.

### SIZES

Standard thickness . . . . . 1/8" to 1/2"

Special thicknesses can be furnished if necessary.

Width and length sizes may be obtained from your G-E Textolite Distributor.

**NOTE:** G-E Textolite is regularly furnished (and otherwise specified) with sanded back for cementing to the backing surface.

## AUTHORIZED G-E TEXTOLITE DISTRIBUTORS

Roddis Plywood & Door Co., Inc.	920 East 149th Street	New York 55, N. Y.	Roddis Lumber & Veneer Co.,	35 Southwest Blvd.	Kansas City 2, Mo.
Roddis Plywood & Door Co., Inc.	229 Vassar Street	Cambridge 39, Mass.	Inc.		
Roddis Company, Inc.	103 Marsh Street	Port Newark 5, N. J.	Roddis Company	3344 Morganford Rd.	St. Louis 1, Miss.
Insulating Fabricators of N. Y.	150 Union Avenue	East Rutherford, N. J.	Roddis California, Inc.	2620 E. Vernon Ave.	Los Angeles 58, Cal.
Roddis Company, Inc.	Cor. Richmond & Tioga Streets		W. L. Dixon Company	931 E. 31st Street	Los Angeles, Calif.
			Roddiscraft, Inc.	345 Williams Avenue	San Francisco 24, Cal.
Roddis Panel & Door Co.	123 E. 27th Street	Philadelphia 34, Pa.	American Factors, Ltd.	215 Market Street	San Francisco, Cal.
Roddis Panel & Door Co.	836 Depot Street	Charlotte, N. C.	Eastern Woodworks, Inc.	1300 Bayard Street	Baltimore, Md.
Roddis Panel & Door Co.	1201 So. 15th Street	Cincinnati 4, Ohio	Rankin Fisher, Inc.	56 N. Gertrude Street	Orlando, Florida
Roddis Company	3865 W. 41st Street	Louisville 10, Ky.	V. & M. Manufacturing Co.	1225 Brighton Road	Pittsburgh 12, Pa.
Roddis Lumber & Veneer Co.	11855 E. Jefferson Ave.	Chicago 32, Ill.	Roddis Plywood Corp.	4601 W. State Street	Milwaukee 8, Wis.
of Mich.		Detroit 14, Mich.			



GENERAL  ELECTRIC



# HOW TO LIGHT CONDITION YOUR NEW HOME

*—and add extra value—  
make it more livable!*

# 24

*tested recipes for better living  
in a better lighted home*



# Plan now to Light Condition your New Home

**N**OW, while you're planning your new home, is the time to include modern lighting that will give you added comfort, eyesight protection and labor saving as well as a dramatic charm and bright loveliness to the home. You'll eventually want light conditioning . . . so arrange for it now when it's much less trouble and expense than after the house is built.

It's very simple to light condition your new home. The following pages offer a series of tested recipes that show you and your builder exactly how to do it.

## Recipes Fit Any Home

Twenty-four easy-to-follow recipes, for every seeing situation, are listed. They fit any home, regardless of style or size. Each recipe is based on careful scientific research on the physical positions and lighting needs for the various situations. All technical data has been eliminated to make it easy to use the recipes.

Two kinds of lighting are needed in any room . . . specific light on the seeing task and general room lighting. General room lighting protects against eyestrain caused by brightness contrasts between light and darker areas.

To enjoy the amazing advantages of better living with light . . . to make your new home as cheerful, as gay as outdoors . . . follow the recipe directions carefully. Each measurement must be exact to get the right amount of lighting for each situation. All you need is a tape measure.

## Built-in Lighting Comes First

First, you'll want to go over the built-in lighting features with your builder. These include the living room and dining room

valances, the kitchen, bathroom, laundry and work bench fixtures.

Then you'll want to study the requirements for portable lamps for each appropriate home situation.

Better, safer, more pleasant living with light is yours . . . at so little trouble and expense . . . you'll be forever happy you installed it as your new home was built.

## WIRE RIGHT NOW!

In your new home be sure you have modern wiring. Look to your future needs — and wire now to save added expense later.

1. Be sure the contractor uses heavy copper wire to give lighting and appliances the power they need.
2. Plan at least one outlet for every six feet of wall space to permit any furniture and lamp arrangement.
3. Divide the house into many fused circuits so no room is completely dark if a fuse blows.
4. Put a switch at every door. You turn lights ON ahead, OFF behind as you move.
5. Remote control wiring is the newest wiring development. You have a master control of all important lights, even though they may be at a distance.





See how bright and livable light conditioning makes this living room . . . how cheerful and pleasant the kitchen. Light conditioning means the *right* fixtures and portable lamps . . . in the *right* place . . . to give you comfort, eyesight protection and labor saving.





# THE LIVING ROOM



WALL VALANCE

## General Room Lighting

This drawing shows you the newest, most interesting and effective way to get dramatic general lighting in your living room. It's the wall-to-wall valance. You will want to use portable lamps, too, but this built-in valance gives you

- a. The newest style in home lighting.
- b. Dramatic general room lighting.
- c. An appearance of more space.
- d. Color and pattern of draperies, wall paper, etc., are high-lighted.
- e. An enlivened, glamorous atmosphere.
- f. Light reflections from wall and ceiling supplement light from other sources — provide greater visual comfort.

### What To Use:

A minimum of 16 feet of valance, preferably across one entire wall. Behind the valance, which may be as deep as 10 inches, use 20, 25 or 40-watt fluorescent tubes end-to-end to fit length. Lumiline lamps, 40 or 60-watt, may be used instead of fluorescent.

Wall valance may be in two or more segments, none less than 4 feet.

### Where To Place:

Valance is placed across outside wall (over doors and windows). The distance from the top of the valance to the ceiling should not be materially less than 10 inches.

## Television Viewing

Here is a view from the opposite side of the living room above.

### How You Benefit:

- a. Use of good lighting avoids eyestrain caused by the strong contrast between the bright television tube and dark surrounding areas.
- b. Programs enjoyment is greater because of less eyestrain and fatigue.
- c. You won't bump into and fall over furniture when you move about.

### What To Use:

Floor or table lamps normally in the room.

### Where To Place:

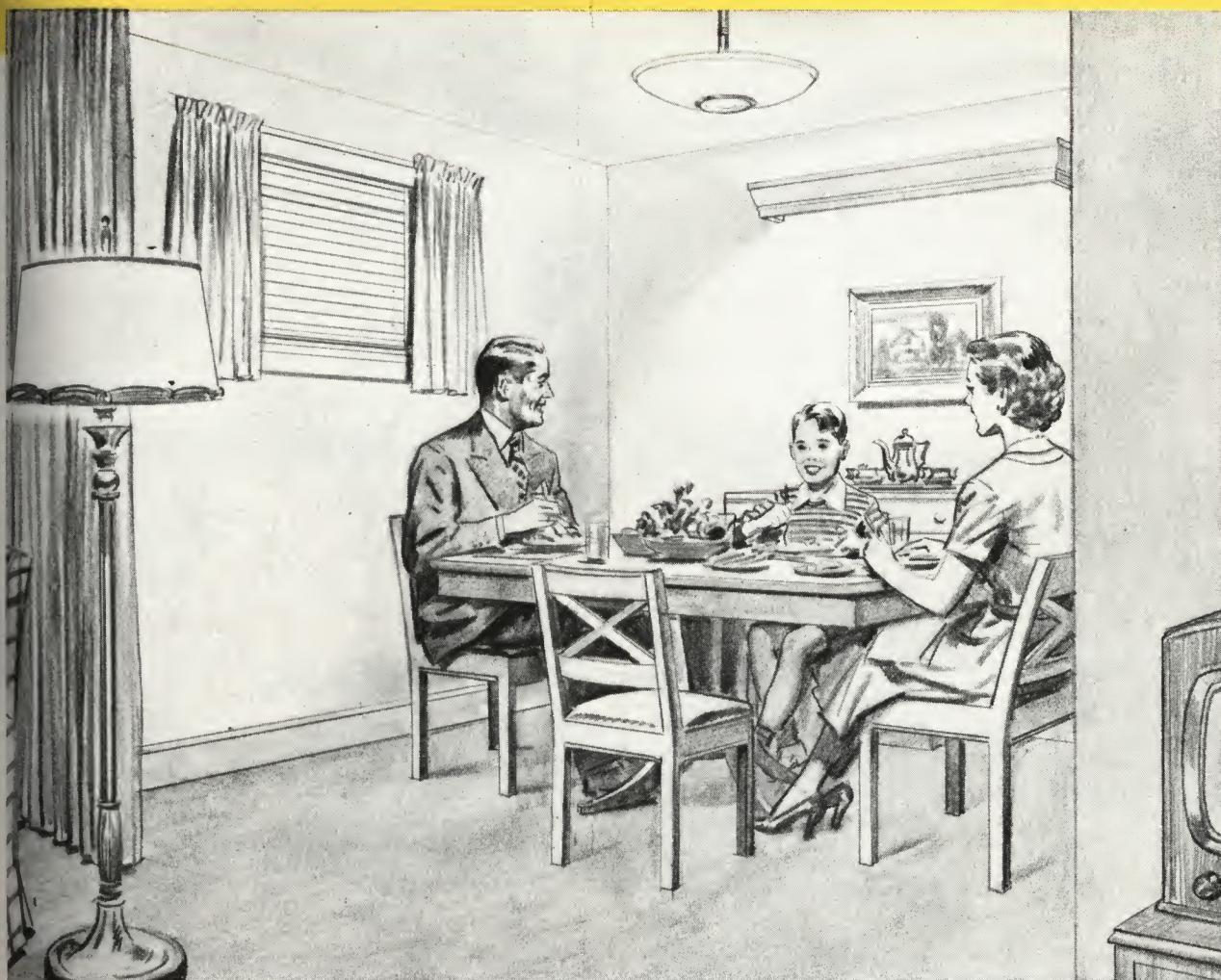
It is important to maintain balanced lighting in the room. This is done by using wall-to-wall valance, floor and table lamps placed so direct light does not fall on tube.



This cutaway shows the details of wall valance construction.



# DINING ALCOVE



CEILING FIXTURE  
WALL VALANCE

## How You Benefit:

Illustrated here and recommended for dining alcoves is the flexible combination of a center ceiling fixture and lighted wall valance — both built-in features. The combination gives:

- a. Sparkle on the table and soft relaxing room lighting.
- b. A choice of lighting effects to fit the occasion, mood or menu.
- c. Dining alcove complements and extends living room.
- d. Wall valance adds pleasing atmosphere and highlights the picture.
- e. Allows use of table for games, pattern cutting, etc.

## What To Use:

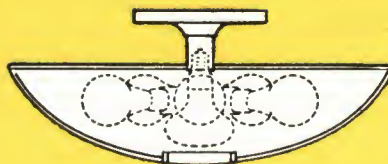
Ceiling Fixture — it may be close-to-ceiling or suspended type. Use four 60-watt or five 40-watt bulbs in the upper part, and one

75-watt R-30 bulb for direct down light on table. Switch control to obtain either or both effects.

Wall Valance — Similar to wall valance in living room, but not across entire wall. It should be at least 35 inches long. Use fluorescent tube, at least one 25-watt, or lumiline four 40-watts.

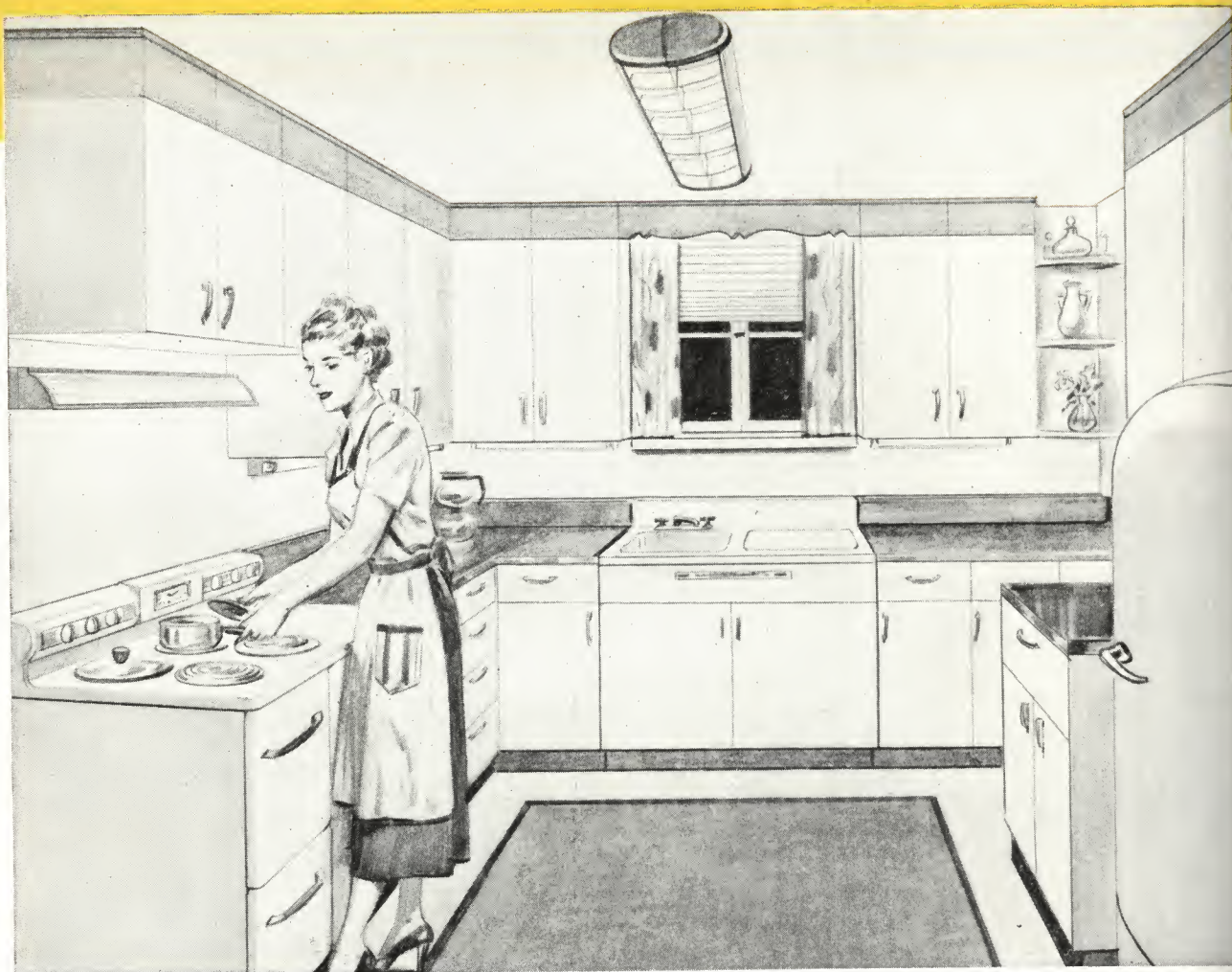
## Where To Place:

Ceiling fixture above table. Valance on wall opposite living room valance unit. It may be placed on another wall or over window.



This drawing shows details of ceiling fixture.





CEILING FIXTURE  
WALL FIXTURE  
UNDERCABINET FIXTURE

## KITCHEN

This illustration shows how a kitchen may be light conditioned. In addition to the ceiling fixture, for general room lighting, there is needed: lighting over the range, sink and work areas. The following recipes cover the lighting of specific kitchen duties. Your kitchen can be just as bright, streamlined and efficient as this. Light Conditioning will give you:

- a. Lighting functionally arranged for work.
- b. Streamlined lighting for quicker, easier kitchen tasks.
- c. A cheerful atmosphere — a sense of cleanliness.

### What To Use:

Close-to-ceiling fixture in center of kitchen. Use a fixture with minimum of three 20-watt or two 25-watt fluorescent tubes or 150-watt incandescent lamp bulb in a 12-inch enclosing globe.

Surface unit mounted in back of shielding board above sink. Use two 25-watt fluorescent tubes. You may use 75-watt projector flood lamp or 150-watt bulb in globe — all behind shielding board.

Wall Fixture. Shielded unit mounted over range or sink.

Under cabinet Fixtures. Unshielded 20-watt fluorescent tubes. Place over work counters.





UNDERCABINET FIXTURE

## Standing at Work Counter

### How You Benefit:

Women spend much time in the kitchen preparing meals and cleaning after them. Light conditioning can make kitchen chores much more pleasant. You'll get these benefits:

- Meal preparation and clean-up is easier, quicker, better.
- You don't work in your shadow.
- You won't make mistakes in reading recipes, measuring ingredients.
- You get about 25 footcandles of light.

### What To Use:

Use a 20-watt fluorescent tube for each 25" to 30" length of work counter (unshielded if placed under cabinet — shielded if put on walls not having cabinets to shield them or when lamps may be seen while seated at nearby breakfast alcoves). Unit designed for 60-watt lumiline tube may also be used.

### Where To Place:

Attach to wall near the bottom edge of the upper cabinets or on the underside of cabinet near its front edge. In either position lamps should be concealed from workers' eyes. Height above the floor should not be more than 58 inches nor less than 50 inches.



WALL FIXTURE

## Standing at Range

### How You Benefit:

- Here's a lighting recipe that helps cooking recipes.
- You can see into cooking pots and pans — a safety feature.
- Unlike some "range lights" this illuminates whole range top.

### What To Use:

- Shielded unit with 25-watt or 40-watt fluorescent tube.
- Shielded unit with two 60-watt lumiline tubes (end to end).
- Shielded unit for two 60-watt frosted bulbs spaced 18 inches apart. (Lamps are mounted parallel to wall).

### Where To Place:

Attach fixture to wall behind range or sink with bottom edge of shielding no more than 58 inches above floor.



## Standing at Sink

### How You Benefit:

- You won't be working in your own shadow.
- You'll be able to see easily that the dishes are clean.
- It's energy and disposition saving.

### What To Use:

An unshielded surface fixture using two 25-watt fluorescent tubes. Alternates are a 75-watt floodlight bulb or a 150-watt standard lamp bulb in a 12" enclosing globe.

### Where To Place:

Attach fixture to ceiling over sink and back of shielding board between cabinets on each side of sink or range. Shielding board protects eyes from direct glare.



# BEDROOM

## How You Benefit:

This shows how several Light Conditioning Recipes might be put together in a bedroom. Included is the necessary ceiling fixtures for general lighting, and a valance over the window.

- A bedroom that's adaptable to your wishes — it's a second living room with privacy.
- There's light to see into bureau drawers.
- Light Conditioning adds apparent size to the room.

## What To Use:

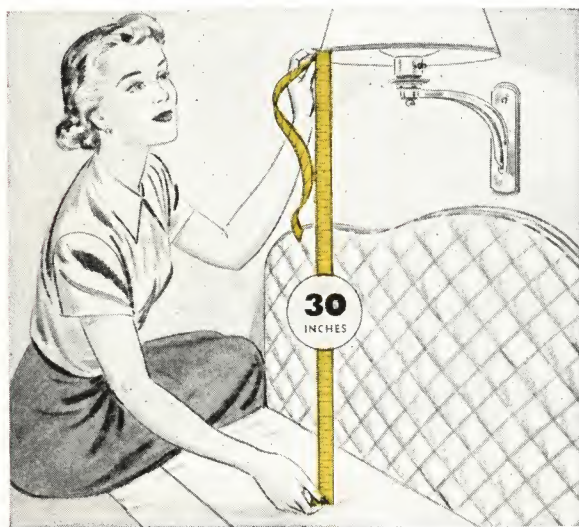
**Ceiling fixture** — close-to-ceiling unit with newly styled glass bowl having at least 17-inch diameter. It uses four 50-watt or five 40-watt lamp bulbs.

**Wall fixture** — fluorescent, or table lamp.

**Dresser or Dressing Table Lamps**

**Window Valance** — Similar to that used in Dining Alcove. (Optional Equipment)

**Floor Lamp** — Lamp is suggested for sewing or reading in bedroom.



WALL LAMP

## READING—Seated in Bed

**How You Benefit:** (Specific for Wall Lamps)

- A wall lamp over the head of the bed saves space in small bedrooms where table space may be lacking.
- You'll have 40 or more footcandles of light.

## What To Use:

**Wall lamp.** Top diameter of diffusing bowl, 8 to 9 inches. Lamp shade has lower diameter of approximately 13 inches. Uses 50-100-150-watt three-lite frosted bulb.

**Lamps without bowl** use 50-100-150-watt R-40 white indirect lamp bulb.

## Where To Place:

Wall lamp is centered over head of bed. Bottom of shade is about 30 inches above top of mattress.



CEILING FIXTURE

DRESSER OR DRESSING TABLE LAMPS

WALL FIXTURE

FLOOR LAMP

WALL VALANCE

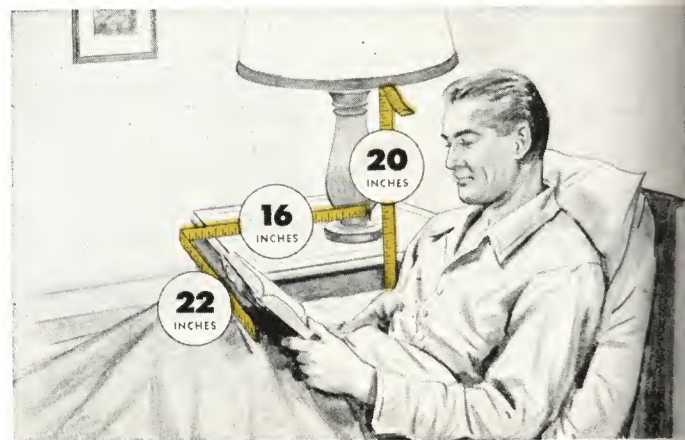


TABLE LAMP

## READING—Seated in Bed

### How You Benefit:

Many people who like to read in bed find it difficult because their light is so poorly placed and so inadequate they cannot read comfortably. Here are recipes showing how to read with ease.

- This arrangement lets you really enjoy reading in bed. You'll get bodily comfort and new eye comfort.
- Now you can relax and read. It's fine for those who like to read them to sleep.
- The whole bedroom is softly lighted in addition to ample light on your reading.
- You'll have 20 to 25 footcandles of light on your reading.

### What To Use:

**Table lamp.** Height to top of reflector is 25 inches, with top of diffusing bowl 8 to 9 inches across. Minimum diameter of shade bottom is 16 inches. 50-100-150-watt three-lite bulb.

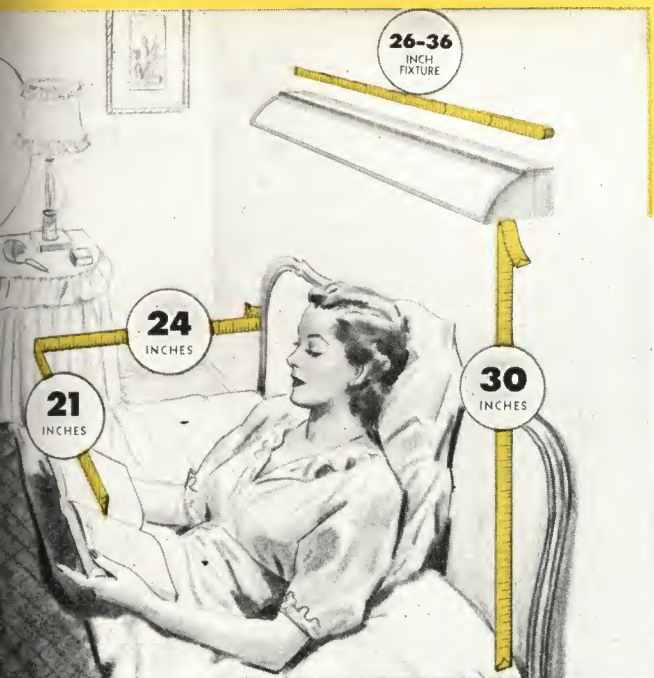
### Where To Place:

Lamp is placed on bedside table. (Tables recommended are 26 to 28 inches high for all but low modern beds.) To locate properly, measure 22 inches center of book out to side near table. Then measure 16 inches at right toward wall. Over this point on the table is the center of the lamp shade.

### Alternate Equipment:

Table lamps without bowl may use 50-100-150-watt white indirect





WALL LAMP

## Seated Before Dressing Table or Vanity

### How You Benefit:

It is important to be seen at one's best. This recipe gives a woman a place of her own to make up. Here are other advantages:

- This gives even light on both sides of the face — you really see yourself as others see you.
- There's no color distortion to deceive you on your appearance.
- About 20 footcandles of light where you need it.

### What To Use:

Pair of dressing table or vanity lamps. Height to center of shades 15 to 16 inches. Shades should be white, pale ivory or champagne. Shade bottom diameter is 9 inches minimum and at least 7 inches deep. Use 30-70-100 three-lite bulb or standard 100-watt lamp bulb.

### Where To Place:

Lamps should be located 18 inches to the right and left of the center of the mirror and six inches away from back of vanity.

DRESSER LAMPS



## READING—Seated in Bed

### How You Benefit:

- You'll get even lighting over large pages.
- For those confined to bed or convalescing, this lamp provides a spread of light for in-bed hobbies.
- It's a long, thin line of light that goes with modern furniture.

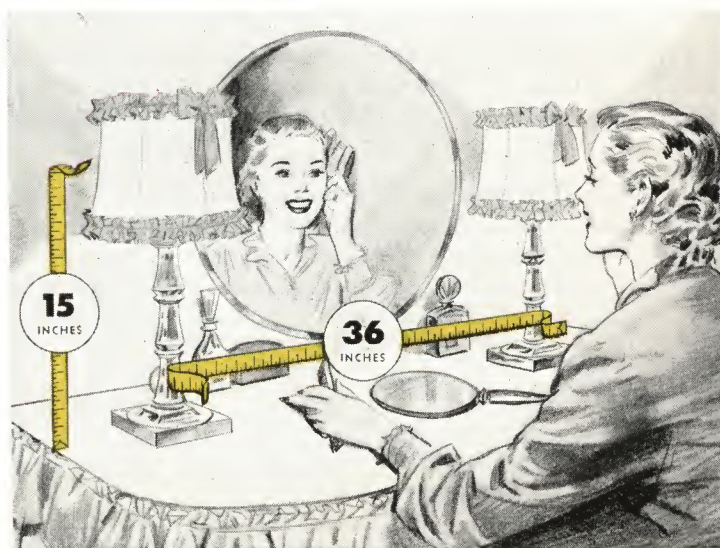
### What To Use:

Wall lamp. Uses a 25-watt fluorescent tube or larger. Alternate is fixture using two 40 or 60-watt lumiline lamps. This supplies both up and down light.

### Where To Place:

Hang fixture on wall centered above head of bed. Bottom of fixture should be 30 inches above top of mattress.

## DRESSING TABLE OR VANITY LAMPS



## Standing Before Dresser

### What To Use:

Pair of dresser lamps. Height to center of shade is 21 to 22 inches. Shade bottom diameter is at least 9 inches. Shades should be at least 7 inches deep and white, pale ivory or champagne, with color restricted to trim at top and bottom. Uses 30-70-100-watt three-lite or 100-watt standard lamp bulbs.

### Where To Place:

Lamps are placed 18 inches to right and left of center of mirror and 6 inches out from back of dresser.

Under the shade of your lamp the lighting diffuser or reflector should look like one of these:





# BATHROOM

## Standing at Bathroom Mirror

### How You Benefit:

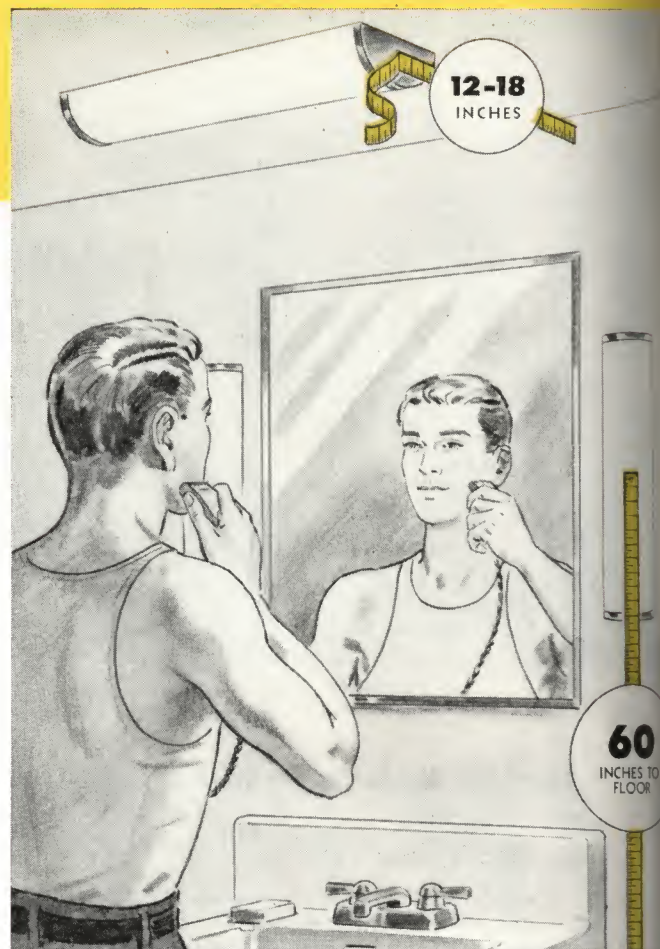
- This lights the whole bathroom.
- You'll have ample light on both sides of your face and on top of your head.
- You can enjoy a clean shave or a precise make-up without shadows to bother you.
- About 30 footcandles of even light help you look your best.

### What To Use:

Three fixtures use either fluorescent tubes or incandescent bulbs. 15-Watt tubes are the minimum when standard fluorescent types are used, 20-watt minimum for the deluxe type. Incandescent bulbs should be 60-watts with opal glass shades.

### Where To Place:

A fixture should be placed on each side of the mirror, 15 inches from the center. Their vertical centers should be 60 inches above the floor. The third unit is on the ceiling above the wash stand, 12" from the wall.



WALL FIXTURES PLUS CEILING FIXTURE

# WORK ROOM

## Standing at Laundry Trays

### How You Benefit:

- Plenty of light here speeds laundry work.
- It's safer — if you use a wringer.
- Washing is less drudgery.
- You can easily see that clothes are clean.
- There's 25 footcandles of light.

### What To Use:

A circular metal reflector of 12" to 14" diameter with a 150-watt silvered bowl lamp. Or a metal reflector with lengthwise shielding using at least two 25-watt tubes.

### Where To Place:

Center fixture over laundry trays.



CEILING FIXTURE



## Standing at Ironing Board

### How You Benefit:

- Because you can see clearly, you'll iron faster and do better work.
- You don't have to crouch over to see.
- You can see wrinkles — iron them properly.
- It's easier to prevent scorches.
- There's 25 footcandles of light on your board.

### What To Use:

Fixture with metal reflector has lengthwise shielding for a minimum of two 25-watt fluorescent tubes, or a fixture with round metal reflector, 12 to 14 inches in diameter, that uses a 150-watt silvered bowl lamp bulb.

### Where To Place:

Suspend fixture from ceiling over center of ironing board.



CEILING FIXTURE

## Seated at Ironer

### How You Benefit:

- Plenty of light on the machine lets you see clearly what you are doing.
- Work is done faster — you've more time for relaxation.
- The ease of seeing keeps pace with the ease of working with modern electrical equipment.
- You'll have 25 footcandles of light.

### What To Use:

Fixture has metal reflector with lengthwise shielding of a minimum of two 25-watt fluorescent tubes. Or fixture with round metal reflector, 12 to 14 inches in diameter, and 150-watt silvered bowl lamp bulb.

### Where To Place:

Fixture is attached to ceiling with center of unit 5 inches back from front edge of ironer.



NG FIXTURE

CEILING FIXTURE

## Standing at Work Bench

### How You Benefit:

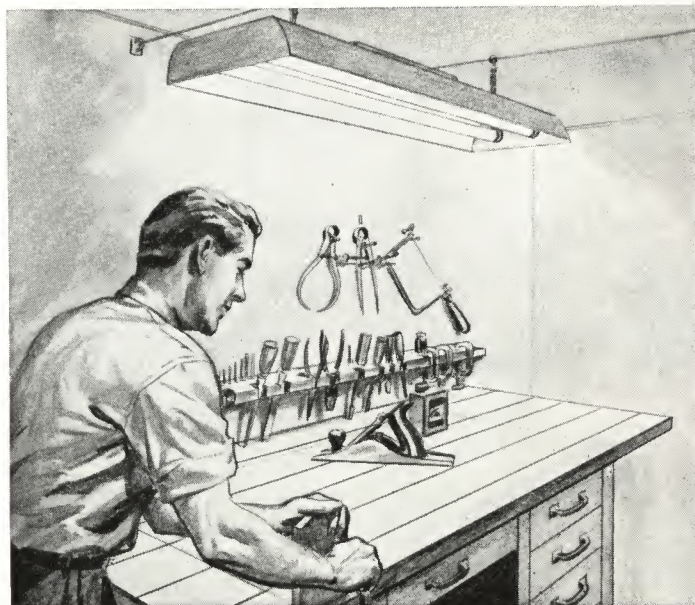
- Here's where the handyman can putter in complete enjoyment.
- This is a favorite work center with plenty of light to see paint brush strokes.
- There's 25 footcandles of light that will make working safer, more accurate and quicker.

### What To Use:

Fixture has metal reflector with lengthwise shielding for a minimum of two 25-watt fluorescent tubes. Or fixture may have round metal reflector with a 12 to 14 inch diameter and use 150-watt silvered bowl lamp bulb.

### Where To Place:

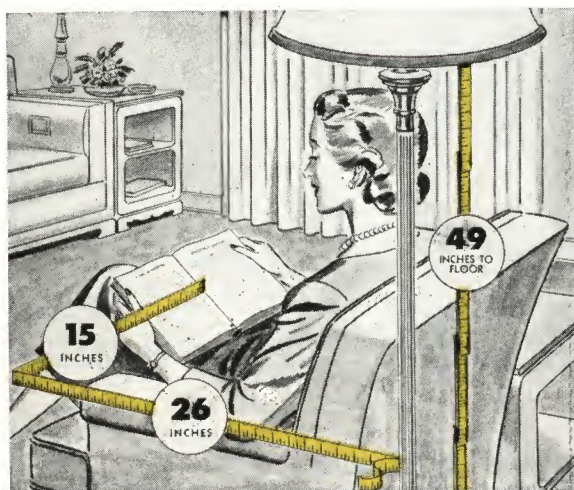
Attach to ceiling so center of unit is over work bench and 10 inches back from front edge of bench.





# READING

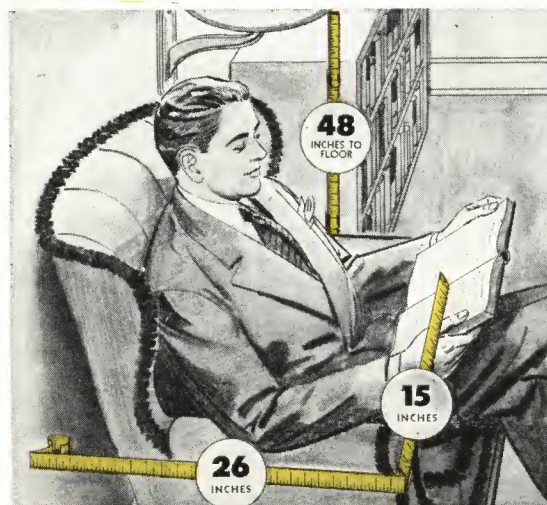
## Seated in Upholstered Chair or Davenport



FLOOR LAMP



TABLE LAMP



WALL LAMPS

## With Floor Lamps

### How You Benefit:

When you sit down to read and relax, your eyes go to work! If your lighting is poor, your eyes work harder, tire quicker. Follow these recipes and enjoy these advantages:

- Reading becomes easier, less tiring, more fun.
- You feel more comfortable — the room around you feels better.
- Annoying glare or brightness from under the shade will bother your eyes.
- You'll have about 35 footcandles of soft, diffused light when you need it.

### What To Use:

Senior floor lamp (58 to 60 inches from floor to top of reflector. Low edge of shade 49 inches above floor. Diameter bottom of shade 15 to 20 inches.) Use 100-200-300-watt three-lite bulb.

### Where To Place:

From the center of your book, newspaper or other reading material, measure 15 inches to the right or left. From this point, measure 26 inches at a right angle to the rear of the chair. This locates the spot over which the center of the lamp shade should be placed for best results.

### Alternate Equipment:

For still better seeing — Use senior floor lamp with 32-watt circline fluorescent tube added to 100-200-300-watt bulb. This supplies about 45 footcandles.

## With Table Lamps

### What To Use:

Lamps measuring from 25 to 30 inches to top of reflector recommended. Top of diffusing bowl is 8 to 9 inches across. Shade bottom diameter is at least 16 inches. Bottom of shade should be 17 inches above table for smaller lamp, and 17 inches for larger ones. Eye protection for you. Table height should be about 25 inches. Use 100-150-watt or 150-watt bulb in bowls. Use 150-watt indirect-lite bulb in lamps without bowl.

### Where To Place:

Measure 20 inches to the right or left from the center of your reading material. From there measure 16 inches at right angle to the rear of the chair. Above this point on your table place the center of the lamp shade. Now the lamp is in line with your shoulder.

### Alternate Equipment:

Large table lamp — about 28 inches high. Shade bottom diameter is 17 inches. Bottom of shade about 17 inches above the table. Use 150-watt bulb and 32-watt circline tube. Delivers about 45 footcandles.

## With Wall Lamps

### How You Benefit: (Specific for Wall Lamps)

- Wall lamps are particularly useful in compact rooms as they save space and prevent clutter.\*
- They don't get knocked over by children or animals.
- They provide lighting results similar to floor or table lamps.

### What To Use:

As lamp cannot be moved away from wall, chair or sofa must be placed to coincide with the following measurements. Measure out from center of lamp shade (about 6 inches from wall) 26 inches, then from this point measure 15 inches to the right or left at a right angle. The chair should be placed so the center of your reading material is at this point. Low edge of shade should be 48 inches above floor.

\* Davenports located between windows, passageways and doorways can be lighted with a pair of wall lamps. Their positioning would be related to persons seated at end of the davenport.



## Table Lamps

### You Benefit:

Reading is difficult when books and papers are poorly lighted. The three recipes explain how to light condition a study center. It may be in the living room, or in any other convenient place. These recipes give you these advantages:

Reading or studying now is much easier, less tiring.

Your light conditioned desk or table becomes a favorite work spot.

Books or papers now are lighted without annoying glare.

This arrangement helps posture — makes concentrating easier.

You'll have about 40 footcandles of soft illumination.

### To Use:

Height to top of reflector is 25 inches. Diameter of diffusing bowl is 8 to 9 inches. Minimum diameter of shade bottom should be 15 inches and lower edge of shade should be 15 inches above table top. Shade should be light in color but not too transparent to light. Use 150-watt three-lite or 150-watt frosted bulb.

### To Place:

Center of your lamp base 15 inches to the left of the center of book or papers and 12 inches in from the front edge of the desk. For right-handed persons the lamp is located to the right of the papers.

### Table Equipment:

When the desk is used for casual study or short periods of work, table with a 150-watt white indirect bulb may be used.

## Wall Lamps

### You Benefit: (Specific for Wall Lamps)

This recipe gives even lighting over the whole desk top.

The entire desk top is free for books and papers.

There'll be about 40 footcandles of glare-free light.

### To Use:

For wall lamps. Top diameter of diffusing bowl is 6 inches. Bottom diameter is 10 inches across and depth of the shade is 6½ inches. Use 150-watt frosted bulbs.

### To Place:

Centers of the two lamp shades are 30 inches apart and 17 inches in from the front edge of desk. Bottom of shade is 15 inches above desk top.

## Fluorescent Lamps

### You Benefit: (Specific for Fluorescent Lamp)

This equipment provides about 80 footcandles of light.

You'll have an exceptionally fine study center, excellent for prolonged use.

### To Use:

Fixture which distributes light upward to ceiling and down on books and papers. Has diffusing sheet at bottom of fixture and translucent cover above. Uses two 20-watt fluorescent lamps.

### To Place:

Fixture must be mounted so its center is 9 inches in from the front edge and 15 inches above the desk top.

Under the shade of your lamp the lighting diffuser or reflector should look like one of these:

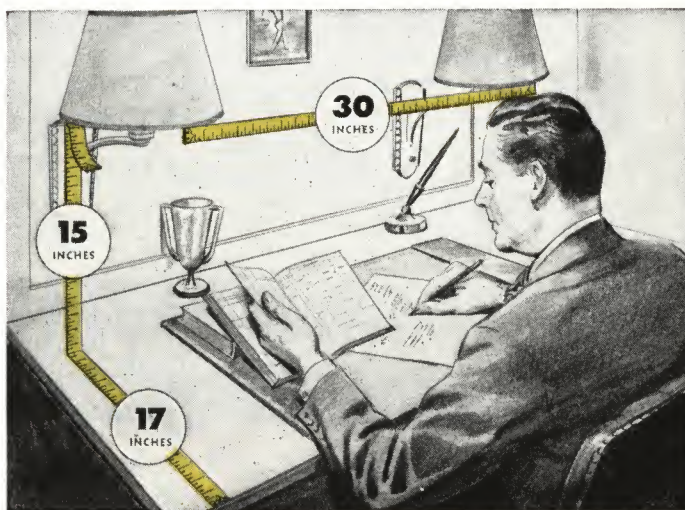


## Reading, Writing, Drawing

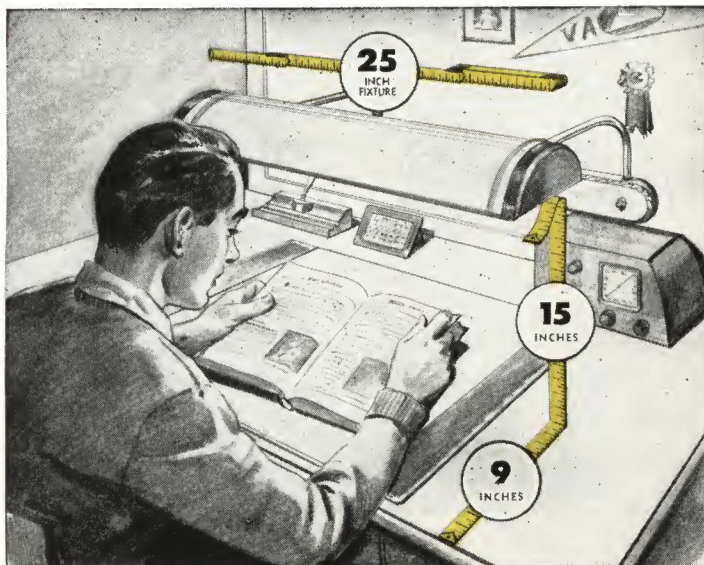
### Seated in Straight Chair at Desk or Table



TABLE LAMP



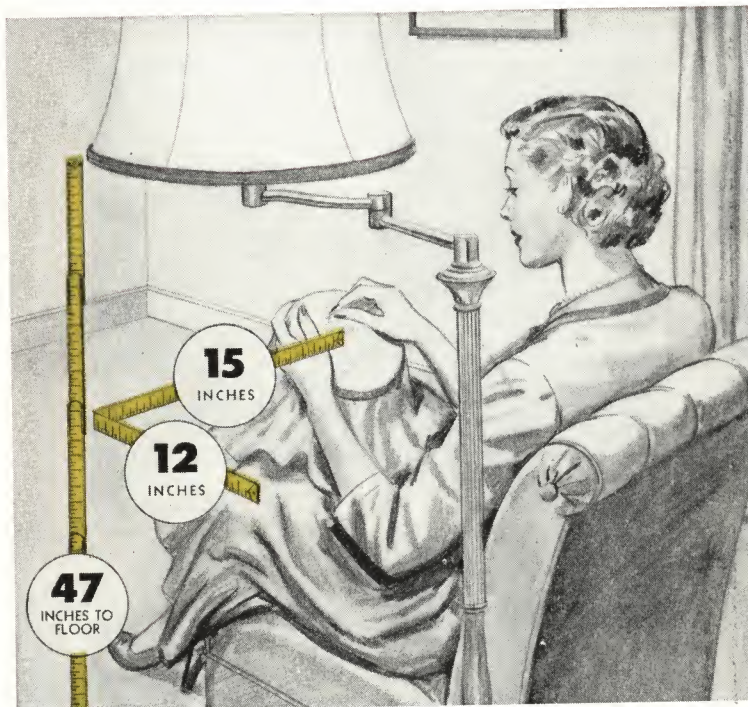
WALL LAMPS



FLUORESCENT LAMP

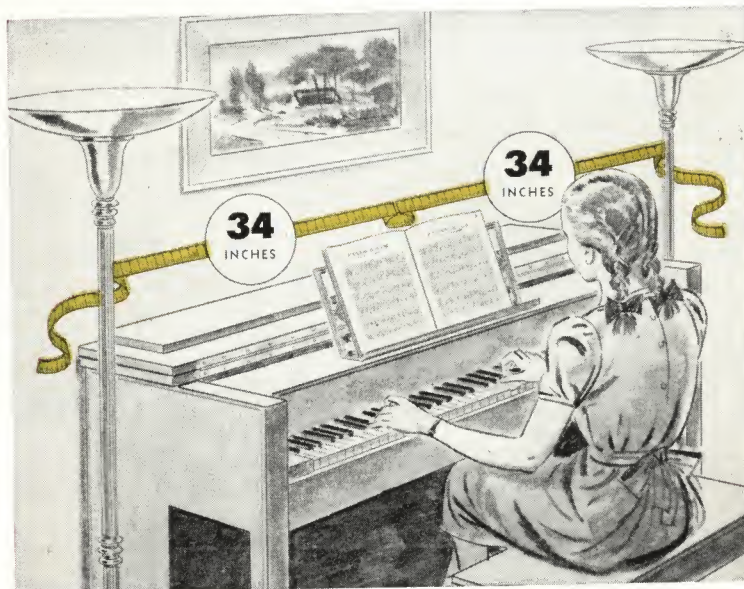


# HAND SEWING



FLOOR LAMP

# READING PIANO MUSIC



PAIR OF TORCHERES

## Seated in Upholstered Chair

### How You Benefit:

Sewing, particularly on dark materials, may create eyestrain and is often very fatiguing. This recipe will bring new light on your needlework—make sewing much more pleasant.

You'll gain these ways:

- With this arrangement sewing is done faster and better.
- You'll get over 50 footcandles of diffused light right on your sewing.
- Mending and other needlework will be less fatiguing.

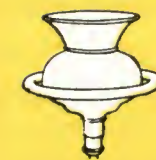
### What To Use:

Floor lamp swing-arm type with top diameter of diffusing bowl, 8 to 9 inches. Bottom of shade to be a minimum 16 inches across and 47 inches above the floor. Use 50-100-150-watt three-lite or 150-watt incandescent in reflectors A or plus 32-watt circline fluorescent tube. Combination C also serves.

### Where To Place:

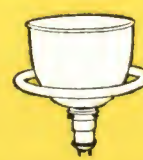
Center of lamp shade is 15 inches to right or left of sewing and 12 inches toward back of the chair. Note: this is a swing-arm, directions are for placement of center of lamp shade, not for the lamp base.

Under the shade of your lamp you should see an arrangement like one of these:



A

plus circline tube



B

plus circline tube



C

plus circline tube

## Seated on Bench

### How You Benefit:

Reading music in poor, uneven lighting is difficult. These recipes help make playing easier and more enjoyable in these ways:

- Even distribution of light from both sides prevents annoying lighting variations.
- Pair of torcheres give you 15 footcandles of light.
- Senior floor lamp provides 10 footcandles.

### What To Use:

Pair of torcheres. Use 100-200-300-watt three-lite bulbs. Height to reflector is 66 inches.

### Where To Place:

Locate 34 inches to left and right of center of keyboard and in line with keyboard.

### Alternate Equipment

#### What To Use:

Senior floor lamp. Height to top of diffusing bowl 58 to 59 inches. Bottom shade diameter to be 16 to 20 inches. Bottom of shade should be 49 inches from floor. Uses 100-200-300-watt three-lite bulbs.

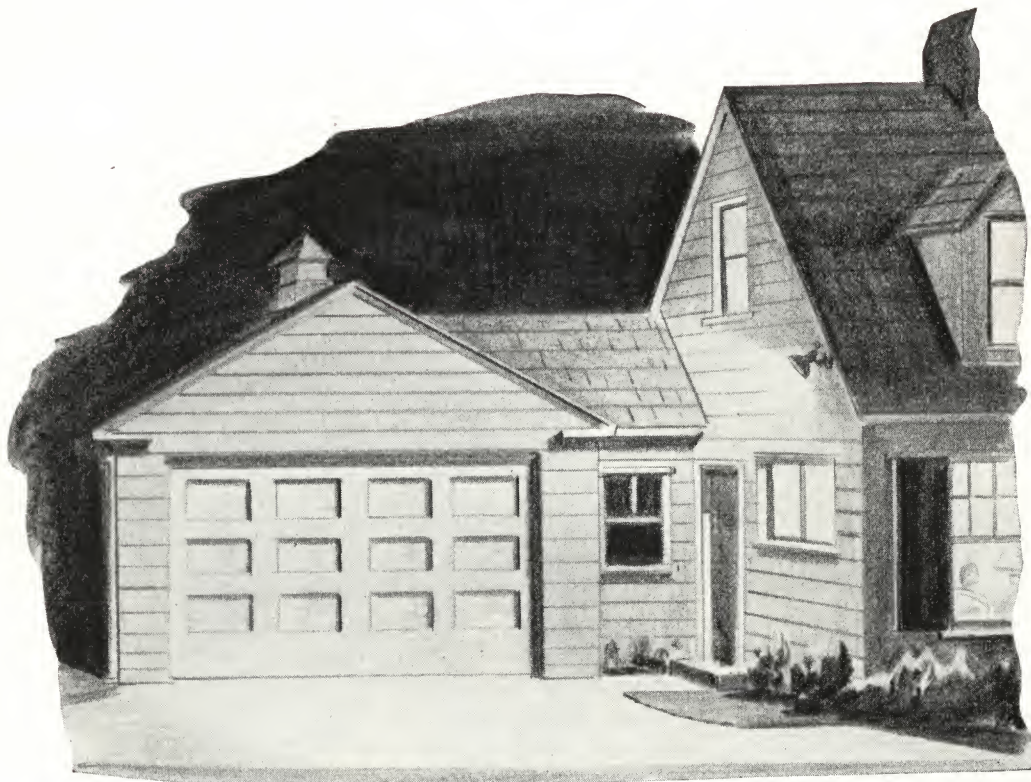
#### Where To Place:

Center of lamp shade is located 34 inches to left or right of center of keyboard and 3 inches in front of music-rack.



# OUTDOOR LIGHT CONDITIONING

You will want to extend outdoor lighting conditioning outside your home, too. There's added convenience and safety in lighting the driveway to your garage... having night illumination for gardens, barbeque and play areas. Attach 100-watt spot or flood projector lamps to outside walls. Convenient lamp holders are available.



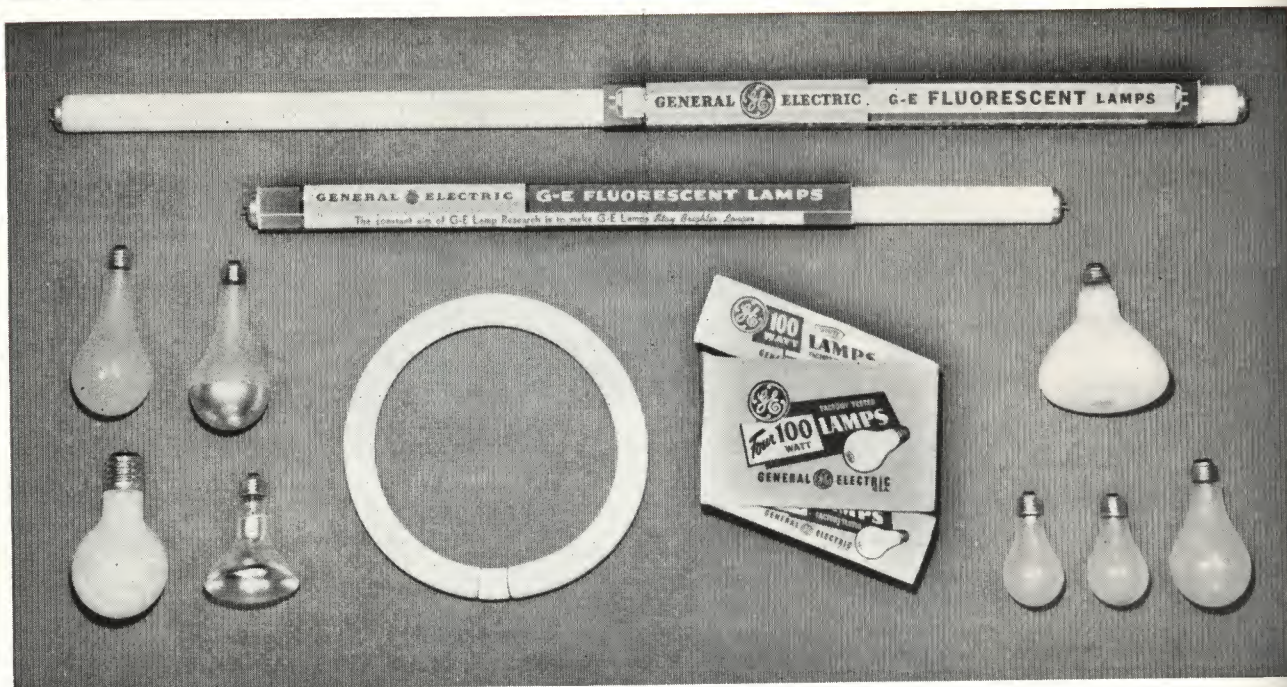
Welcome friends who visit with porch and door lights. Locate fixtures on porch ceiling or walls near the door so you can see from inside the house who is at the door.

Lighting outdoor steps and pathways helps avoid accidents.

Illuminated house numbers help friends find your home at night.



# USE G-E LAMPS



General Electric makes all the lamps listed in the recipes for light conditioning your home. It's easy to get G-E Lamps from your friendly G-E Lamp dealer. And it's wise to order some spares, too.

You can put your confidence in General Electric for G-E Lamp research is constantly at work to make General Electric Lamps... **STAY BRIGHTER LONGER!**

## LAMP DIVISION, GENERAL ELECTRIC GENERAL OFFICES, NELA PARK, CLEVELAND 12, OHIO

### SALES DISTRICT HEADQUARTERS

ALBANY 7, N. Y.	8 Elk Street
ATLANTA 3, GA.	187 Spring St., N. W.
BALTIMORE 2, MD.	Court Square Bldg.
BOSTON 10, MASS.	50 High St.
BUFFALO 2, N. Y.	901 Genesee Bldg.
CHARLOTTE 2, N. C.	514 Johnston Bldg.
CHICAGO 4, ILL.	
Chicago Dist. (Large Lamps)	231 So. LaSalle St.
*Midland Dist. (Specialty Lamps)	230 So. Clark St.
CINCINNATI 2, OHIO	36 E. Fourth St.
CLEVELAND 14, OHIO	1320 Williamson Bldg.
DALLAS 2, TEXAS	1801 North Lamar St.
DAVENPORT, IOWA	301 Davenport Bank Bldg.
DENVER 2, COLO.	1863 Wazee St.
DETROIT 26, MICH.	
Michigan Dist. (Large Lamps)	1249 Washington Blvd.
*Motor City Dist. (Specialty Lamps)	820 Fisher Bldg.
HOUSTON 2, TEXAS	1811 C & I Life Bldg.
INDIANAPOLIS 4, IND.	1115 Circle Tower

### SALES DISTRICT HEADQUARTERS

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MINNEAPOLIS 13, MINN.	500 Stinson Blvd.
NEWARK 2, N. J.	744 Broad St., Room 606
NEW HAVEN 10, CONN.	185 Church St.
NEW YORK 22, N. Y.	
New York Dist. (Large Lamps)	570 Lexington Ave.
*Atlantic Dist. (Specialty Lamps)	570 Lexington Ave.
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PITTSBURGH 19, PA.	238 W. Carson St.
PORTLAND 9, ORE.	1238 N. W. Glisan St.
RICHMOND 19, VA.	Southern States Bldg.
SEATTLE 4, WASH.	202 Hoge Bldg.
ST. LOUIS 1, MO.	710 No. Twelfth Blvd.
TAMPA 2, FLA.	505 Twiggs St.

\* District Office handling automotive, miniature, photo, glow and Christmas tree lamps.

# GENERAL ELECTRIC



# General Electric Appliances for Better Living!



- ✓ CONVENIENCE
- ✓ ECONOMY
- ✓ DEPENDABILITY



# In Your Home . .

**General Electric** appliances are your best buy today. They represent years of continuous research . . . years of testing under actual home conditions . . . and will give you the dependable service you expect. The General Electric name is your assurance of high quality.

**Choose General Electric Appliances and get . . .**



**CONVENIENCE!** The smallest detail of each General Electric appliance has been studied, improved, and tested—to make certain that you get the greatest convenience in practical use. To take the guesswork out of your housework, automatic devices—timers, push buttons, temperature controls, etc.—have been installed. In fact, wherever you want them, and wherever you need them—you'll find timesaving, worksaving features on General Electric appliances, to make your life easier for years to come!



**ECONOMY!** Whatever your family needs may be, General Electric has appliances to fit them perfectly. And no matter which General Electric appliances you buy, their design and construction provide maximum efficiency. You'll be certain to save both time and money—if you'll only make certain to buy General Electric!



**DEPENDABILITY!** With General Electric appliances in your home—to cook your meals, to freeze your foods, to wash your clothes, whatever the job is to be done—you'll enjoy year after year of day-in, day-out service—service you can always depend on.

**You can put your confidence in General Electric.**







## KITCHEN-LAUNDRY PLANNING IS MADE EASIER WITH GENERAL ELECTRIC WORK CENTERS

Everybody wants a *really modern* all-electric kitchen and laundry. And everybody wants the nicest-looking, most dependable appliances they can buy.

The mistake that many home planners make, however, is to think that an attractive refrigerator, range, and cabinets make an all-electric kitchen.

They don't.

The real electric kitchen is basically a workroom—planned to simplify kitchen duties and shorten working hours. It is a room designed primarily for use, where electricity takes over the difficult, unpleasant parts of housekeeping. Its size will depend upon the size of your family, or the amount of entertaining you do.

But most important—the all-electric kitchen is planned around “work centers.”

These are the Cooking Center, the Dishwashing Center, and the Food Storage Center. In the all-electric laundry, these work centers are the Washing Center, the Drying Center, and the Ironing Center.

If your kitchen or laundry is planned about these basic work centers, its size or shape will not affect its efficiency—but it will provide a step-saving room in which it is a joy to work and live.

For complete information on planning efficient work centers, see your local General Electric retailer, or write to the HOME BUREAU, GENERAL ELECTRIC COMPANY, BRIDGEPORT 2, CONNECTICUT.



*Specifications subject to change without notice*





NH-8

**New Refrigerator - Food Freezer** Combination models NH-10, at left, and NH-8, at right, feature a *real* food freezer, which maintains zero degree temperature, and a spacious food compartment, where high humidity keeps foods fresh, even uncovered.

Features include: new Rolla-Drawers; Redit-Cube Ice Trays; Butter Conditioner. Best of all you never have to defrost the food section of G-E Combination models.

# The Finest Refrigerators Ever Made

When you decide to buy a new refrigerator, the most important thought to keep in mind is the year-in, year-out service you expect it to give. For more than twenty years, General Electric Refrigerators have earned and maintained a reputation for unsurpassed performance. Because General Electric uses only the highest-quality materials . . . maintains top-quality standards of manufacture, you can be sure the General Electric Refrigerator you buy will give you many years of enjoyable service at an operating cost of a few pennies a day.



**CONVENIENCE:** Whether your family is large or small, there is a General Electric Refrigerator to meet your needs . . . each with features galore. They're practical features, too. Features designed to make life easier for you . . . day in, day out . . . for years to come.



**ECONOMY:** The famous General Electric sealed-in refrigerating system gives you the finest in efficient, economical operation. It's airtight, oiltight . . . and you can count on it to save on food and electricity costs . . . for the long life of your General Electric Refrigerator.



**DEPENDABILITY!** General Electric dependability has not been equalled . . . More than 2,700,000 General Electric Sealed Household Refrigerator units have been in use ten years or longer—an unexcelled record for dependable, efficient performance.

Then, too, the various G-E models have many practical convenience features—sliding shelves for more accessibility, sliding baskets for small odds and ends, deep drawers for fruits and vegetables, spacious meat compartments, and a host of other features which will add to your refrigerator enjoyment.

Compare different makes of refrigerators. Then choose wisely, for you have every right to expect the one you select to serve you a long time. And in looking them over, bear in mind these three important factors:







LF-8



NC-6



NB-4

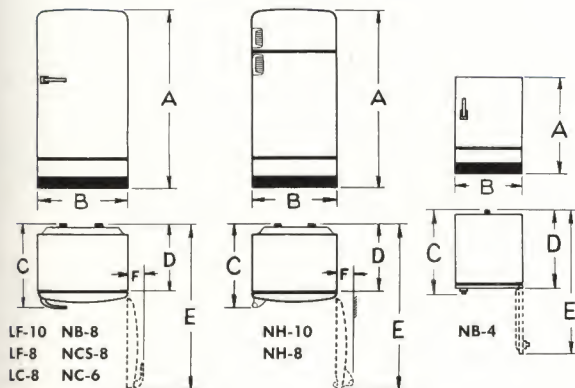
**Space Maker Refrigerator!** For the 6-, 8- and 10-cubic foot models: 25 percent to 50 percent more refrigerated food storage in the same floor space occupied by former models. Three new models with across-the-top freezer. All models have spacious fruit and vegetable drawers. Butter conditioner in de luxe models.

Usable, practical features . . . designed for years and years of dependable service.

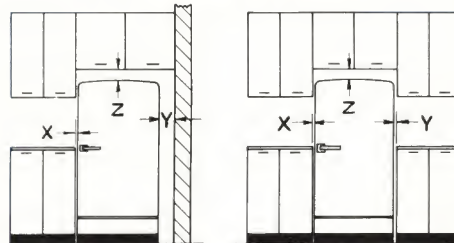
**Model NB-4** General Electric Refrigerator can be built-in under a work surface and enclosed on both sides. Cooling air is drawn in and discharged at the front base.

Provides storage for frozen foods, bottles, fresh foods, and left-overs. Chiller tray and utility shelf. All this . . . plus the famous G-E sealed-in mechanism.

## OVER-ALL DIMENSIONS OF REFRIGERATORS (ALLOW 1/4-INCH TOLERANCE)



## MINIMUM CLEARANCE—INCHES 6-, 8-, 10-CU-FT REFRIGERATORS



CU. FT.	X	Y	Z
6	1	1	4
8	1/2	6	3
10	1/2	6	3

CU. FT.	X	Y	Z
6	1	1	4
8	1/2	1/2	4
10	1/2	1/2	4

THE ABOVE CLEARANCES ARE NECESSARY FOR PROPER VENTILATION OF THE REFRIGERATING UNITS

	A	B	C	D	E	F	Net Cubic Feet
NH-10	67"	32 1/4"	28 1/4"	22 3/4"	55 1/2"	3 1/2"	10.2
LF-10	63 1/4"	32 1/4"	28 1/4"	22 3/4"	55 1/2"	3 1/2"	10.8
NH-8	63 1/4"	29 1/4"	28 1/4"	22 3/4"	53"	3 1/4"	8.3
LF-8	59 1/4"	29 1/4"	28 1/4"	22 3/4"	52 3/4"	3 1/4"	8.3
LC-8							8.2
NCS-8							8.2
NB-8							8.1
NC-6*	53"	24 1/4"	27 1/4"	22 3/4"	46 3/4"	3/4"	6.1
NB-4	34 1/2"	23 3/4"	26 3/4"	24 3/4"	47 3/4"	—	4.0

\*Minimum clearance opening 3/8 inch.

Specifications, trim and equipment subject to change. See your G-E distributor or dealer for latest specifications.





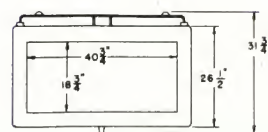
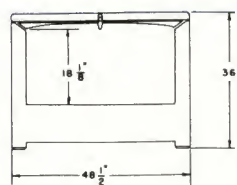
**NA-11** ..... 11.1 cubic feet

### TAKE YOUR CHOICE OF TWO MODELS . . . .

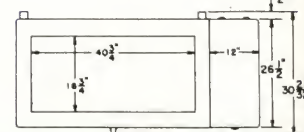
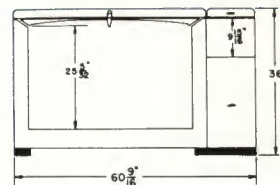
All-steel construction! One-piece corrosion-resistant inner shell! Lid insulated and counterbalanced! Fiberglass thermal insulation. Automatic interior lighting!



**NA-8** ..... 8 cubic feet



NA-8



NA-11

Specifications, trim and equipment subject to change. See your G-E distributor or dealer for latest specifications.



# The Food Freezer Buy is a General Electric!

When you consider the following advantages, we think you will agree that the General Electric Food Freezer is your best investment:



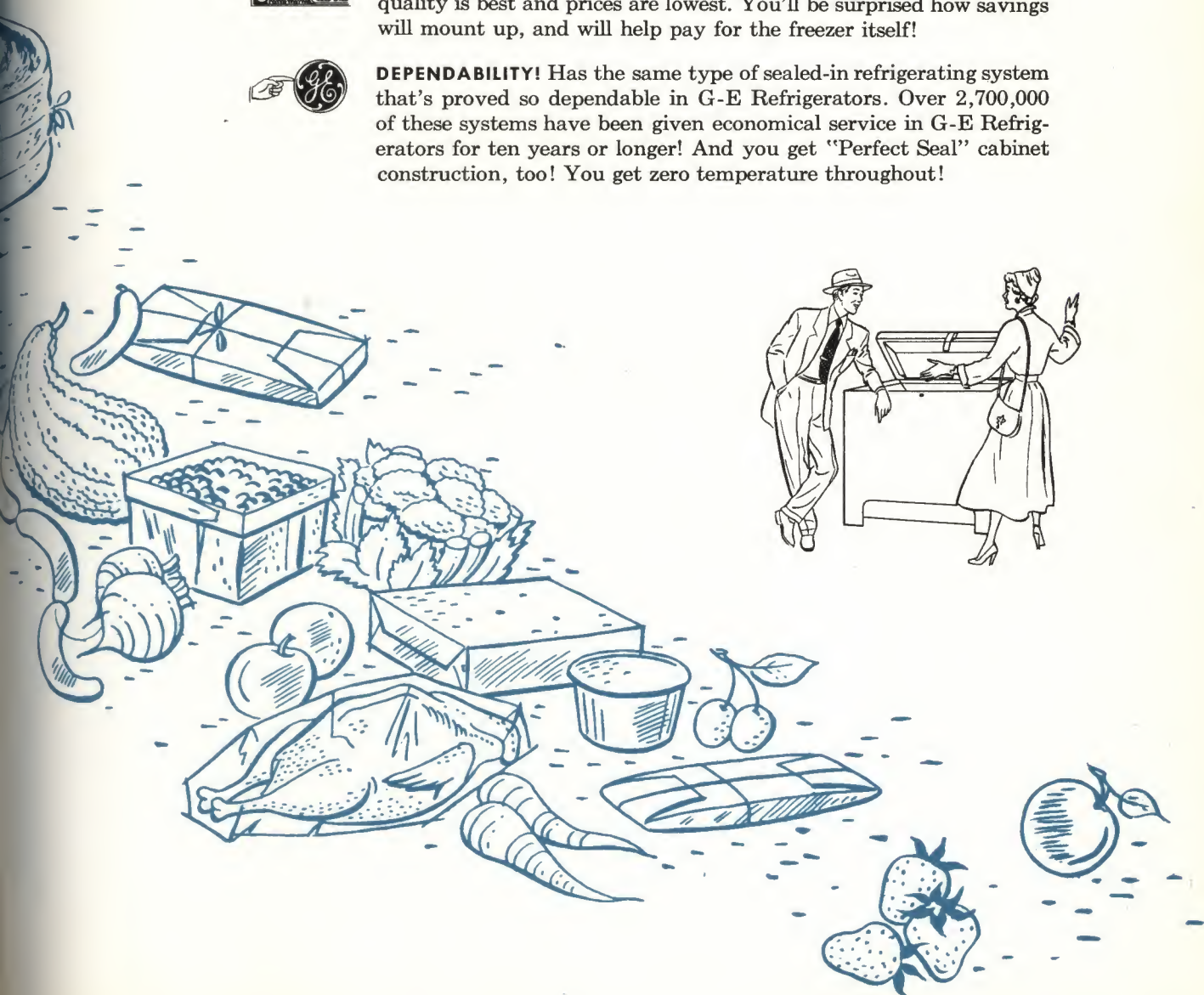
**CONVENIENCE!** No more shopping at crowded food counters. No more rushing out into the rain or snow to "pick up something to eat!" Your G-E Freezer is a store that never closes, right in your kitchen . . . all kinds of food at your finger tips, any day of the year!



**ECONOMY!** Your General Electric Food Freezer enables you to buy in quantity—and at quantity prices. Buy at peak season when quality is best and prices are lowest. You'll be surprised how savings will mount up, and will help pay for the freezer itself!

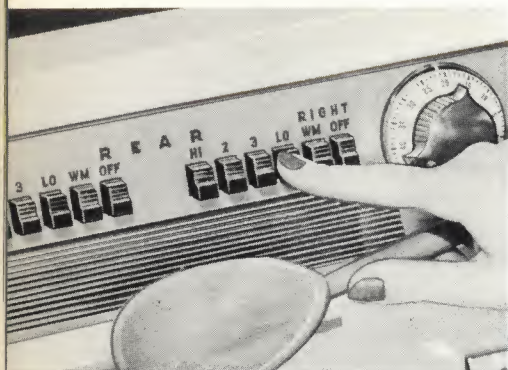


**DEPENDABILITY!** Has the same type of sealed-in refrigerating system that's proved so dependable in G-E Refrigerators. Over 2,700,000 of these systems have been given economical service in G-E Refrigerators for ten years or longer! And you get "Perfect Seal" cabinet construction, too! You get zero temperature throughout!

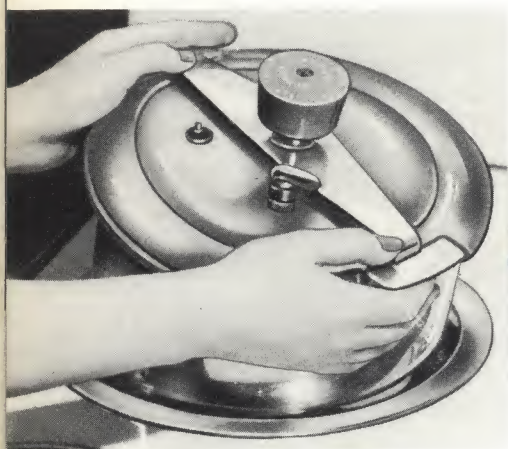




# G-E Speed Cooking by just Pushing Buttons

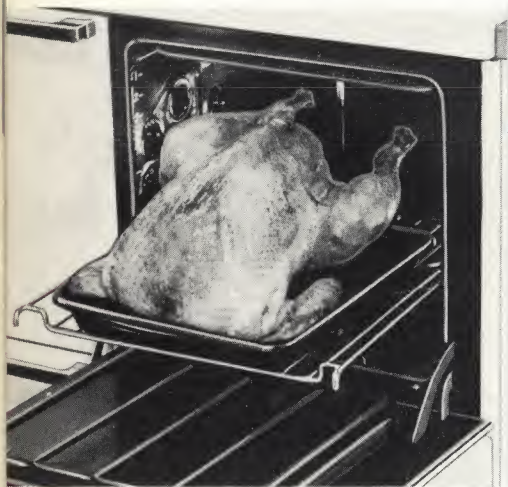


**Push a button**—there's one for each heat—gives the exact *heat* you want. Easy to see . . . easy to use. No need to stop if you happen to be stirring something. Gives you ease in cooking you never knew before.



**Built-in Pressure Cooker** saves up to  $\frac{2}{3}$  cooking time, has safety-type, easy-lifting lid. Also equipped with nonpressure top, for deep-well-cooker meals. Deep-well Calrod\* heating unit can be raised, to give you a *fourth* surface unit.

\*Reg. U. S. Pat. Off.



**Tripl-Oven** that's really huge. Three in one! Master Oven can hold 30-lb turkey. Or can be adjusted into a smaller Speed Oven, that *heats faster than any other conventional range oven!* Convenient waist-high broiler, too!

**Wonderful meals . . . Superfast units . . . Shining cleanliness . . . Tried-and-true safety!**



**CONVENIENCE!** G-E "Speed Cooking" is easy—so easy you'll never, never want to go back to old-fashioned cooking methods again! Whatever feature you consider—General Electric beauty, fast Calrod heating units, cleanliness, or Automatic Oven Timer—you'll soon realize that convenience means that your work can be done quicker, better—and leave lots of spare time for other housework.



**ECONOMY!** General Electric Ranges are as economical as they are beautiful. An oven meal can be cooked for only  $3\frac{1}{2}\epsilon$  (based on national average electric rates). And the deep-well Thrift Cooker saves pennies by the piggy-bankful. When you consider the speed with which you cook your meals, there's a real saving to you. And with all the great G-E convenience features, you'll save yourself a lot of work and headaches.



**DEPENDABILITY!** General Electric, always a leader in its field, always means dependability. Whether you're considering the long life of the G-E Range, or the efficiency of its operation, you can depend on it that the G-E Range is unsurpassed—no matter how you look at it. Buy the best—enjoy the best—buy General Electric!





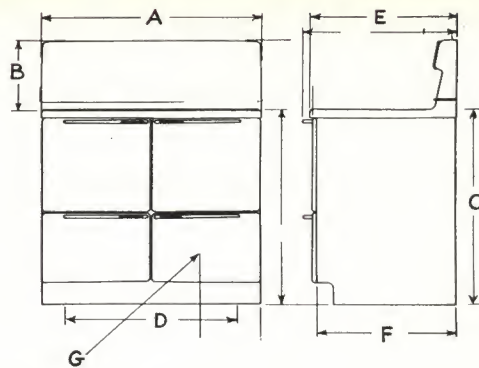


### THE GENERAL ELECTRIC "STRATOLINER"

Not just a new range! It's a new, *push-button* way to cook. So easy, so convenient, you'll love it!

**So many blessings:** Calrod heating units throughout—fast, five heats. New *EXTRA HI-SPEED CALROD UNIT* (right rear) boils a pint of water in four minutes or less. Tel-A-Cook Lights show cooking speeds by color. Automatic Oven Timer turns oven ON and OFF. Hi-style control panel makes controls easy to see. No-stain Oven Vent traps grease from oven vapors, saves scrub-up time!





**NOTE:** General Electric Ranges shown in this book are 1951 models. For new features and for complete details on all 1952 General Electric Ranges, see your General Electric Distributor, or authorized dealer.

	A	B	C	D	E	F	G
							Knockout Distance From Base
<b>Stratoliner</b>	39"	12 $\frac{5}{8}$ "	36"	29 $\frac{7}{8}$ "	25 $\frac{13}{16}$ "	24 $\frac{11}{16}$ "	$\frac{3}{4}$ " & 1" conduit 9 $\frac{3}{8}$ "
<b>Airliner</b>	39"	8 $\frac{1}{8}$ "	36"	29 $\frac{7}{8}$ "	25 $\frac{13}{16}$ "	24 $\frac{11}{16}$ "	$\frac{3}{4}$ " & 1" conduit 9 $\frac{3}{8}$ "
<b>Stewardess</b>	39"	6 $\frac{1}{2}$ "	36"	29 $\frac{7}{8}$ "	25 $\frac{13}{16}$ "	24 $\frac{11}{16}$ "	$\frac{3}{4}$ " & 1" conduit 9 $\frac{3}{8}$ "
<b>Leader</b>	39"	6 $\frac{1}{2}$ "	36"	29 $\frac{7}{8}$ "	25 $\frac{13}{16}$ "	24 $\frac{11}{16}$ "	$\frac{3}{4}$ " & 1" conduit 9 $\frac{3}{8}$ "
<b>Studio</b>	19 $\frac{1}{2}$ "	3"	36"	19 $\frac{1}{4}$ "	25"	24 $\frac{11}{16}$ "	$\frac{3}{4}$ " & 1" conduit 9 $\frac{3}{8}$ "



**LEADER (C11)**  
"Speed Cooking" at a budget price!



**STRATOLINER (D21)**  
Push-button controls, with built-in pressure cooker!



**STEWARDESS (C21)**  
Designed for those who require lots of storage space!



**AIRLINER (C31)**  
Automatic "Speed Cooking" that's really fast!

**Studio ranges—"Speed cooking" designed for apartment use (not shown)**

**MODEL A21—3 surface units**  
**MODEL A41—4 surface units**



# It's Wonderful- PLENTY OF HOT WATER AT THE TURN OF A TAP!



Think of it! Gallons and gallons of hot water, day after day, year after year . . . automatically. Look at all these advantages of heating water the electric way, the General Electric way.

**CONVENIENCE!** Install it anywhere in your home—no chimneys or flues required. Shorter pipe runs mean **INSTANT** hot water. New Tripl-Control lets you regulate hot-water temperatures to suit your own special needs. Special table-top models install right in the kitchen or laundry, provide extra work surface.

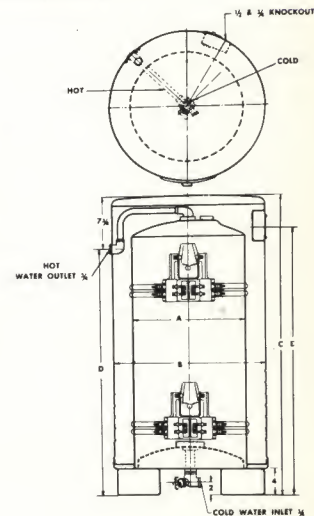
**ECONOMY!** Famous Heat-wrap Calrod heating units insure efficient operation. Shorter pipe runs mean less heat loss, more saving for you. Also, many electric service companies give special low rates for heating water electrically. Heat trap, cold-water baffle, highly efficient insulation all give increased economy.

**DEPENDABILITY!** The General Electric Water Heater is built to rigid factory standards. Years of dependable operation have made a liberal ten-year tank-protection plan possible to safeguard your investment.

## SIZES, DIMENSIONS AND WATTAGES—PEERLESS ROUND MODELS

Capacity in Gallons	Catalog Number	Unit Equipment	Tank	Tank Diameter in Inches A*	OVERALL DIMENSIONS		Floor to Cold-water Inlet in Inches	Floor to Hot-water Outlet in Inches D*	Floor to Service Outlet in Inches E*
					Diameter in Inches B*	Height in Inches C*			
30	DG30-1A	Single	Galv.	16	22	45½	2½	37¾	40¾
	DG30-2A	Twin	Galv.	16	22	45½	2½	37¾	40¾
52	DG52-1A	Single	Galv.	20	26	50¼	2½	42½	45½
	DG52-2A	Twin	Galv.	20	26	50¼	2½	42½	45½
82	DG82-1A	Single	Galv.	20	26	71½	2½	63¾	66¾
	DG82-2A	Twin	Galv.	20	26	71½	2½	63¾	66¾

\*Positions of A, B, C, D and E shown on cross-sectional view.



## TABLE-TOP MODELS

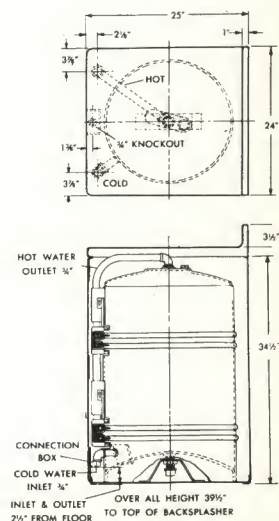
Capacity in Gallons	Catalog Number	Unit Equipment	Diameter in Inches	OVERALL DIMENSIONS			Floor to Cold-water Inlet in Inches	Floor to Hot-water Outlet in Inches	Floor to Service Outlet in Inches
				Height	Width	Depth			
30	DG30-5A†	Single	20	34½	24	25	2½	3¼	3
30	DG30-7A	Single	20	36*	24	25	2½	3¼	3
40	DG40-5A†	Single	20	34½	24	25	2½	2½	1½
40	DG40-7A	Single	20	36*	24	25	2½	2½	1½
40	DG40-6A†	Twin	20	34½	24	25	2½	2½	1½
40	DG40-8A	Twin	20	36*	24	25	2½	2½	1½

\*Floor to work surface. Backsplasher is 1 in. thick and extends 3½ in. above work surface.

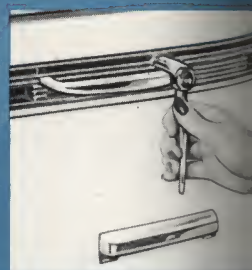
†Without porcelain top and backsplasher.

Wattages available—16-inch tank: 600, 750, 1,000, and combinations up to 3,000 watts. 20-inch tank: 750, 1,000, 1,250, 1,500 and combinations up to 4,500 watts.

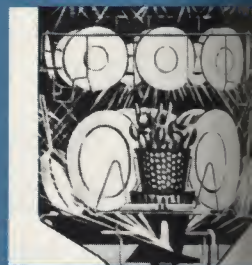
Specifications subject to change without notice.







It's Automatic! After adding the detergent, slide the tub back under the counter and turn the control. The dishwasher goes to work getting each piece cleaner than you can by hand. Your job is done, you're free for other things.



Each piece is thoroughly cleansed with G-E's efficient double-wash, double-rinse action. New G-E heating unit keeps water hot, and provides a pool of warm air that is circulated for rapid drying. Dishes come out shiny.



The General Electric Dishwasher can be bought separately in the handsome cabinet model illustrated.



# The grandest thing that ever happened to a Kitchen!

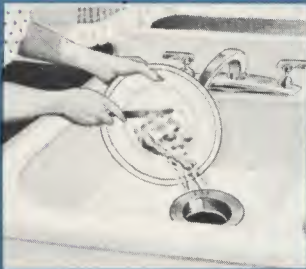
## Dishwasher-Sink and Disposall\*

For sheer, gleaming beauty there has never been a sink to compare with this one. And it contains the famous General Electric Dishwasher—the wonder appliance of all time.

Just put all dishes, glasses, silver into the racks, add detergent (not soap), touch a simple control—and the Dishwasher *automatically* does the rest!

**EXTRA!** If you never want to touch garbage again—there's a place in the Electric Sink for the marvelous General Electric Disposall. Automatically, it grates all food waste into tiny particles—flushes them harmlessly away into sewer or septic tank!

\*General Electric's registered trade-mark for its food-waste disposal appliance.



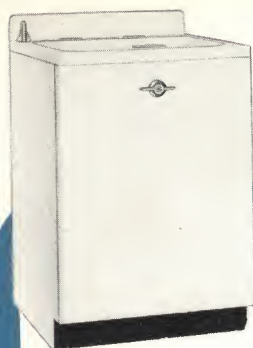
Never another trip to the outdoor garbage can! No messy garbage to clutter your kitchen with a G-E Disposall under your sink. All you do is scrape food waste into sink-drain opening, then replace the Twist-top cover control.



Turn on the cold water. Automatically the Disposall goes into action—shredding food waste into tiny particles and washing them away to sewer or septic tank. It's self-cleaning—never any odor, and permanently lubricated.



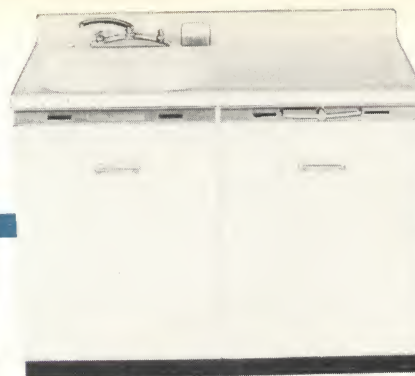




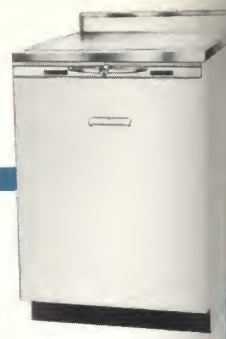
BE-100  
G-E Automatic  
Dishwasher (top-opening)



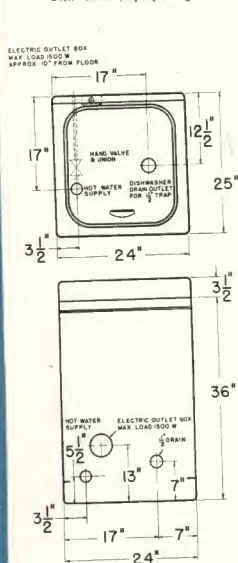
SE-100  
G-E Electric Sink with  
Automatic Dishwasher (top opening)



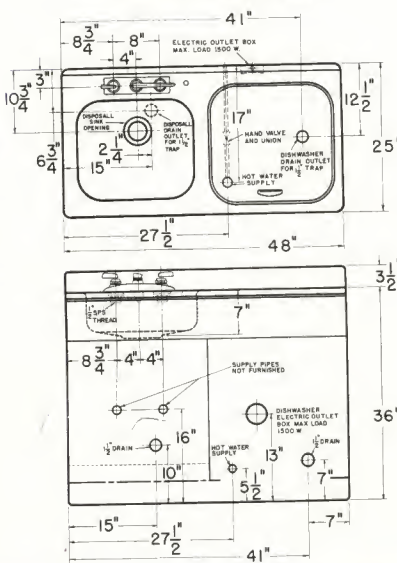
SE-113  
G-E Electric Sink with  
Automatic Dishwasher (under counter)



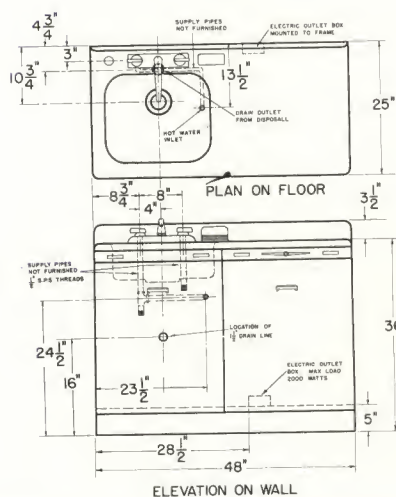
UC-110  
G-E Automatic  
Dishwasher (under counter)



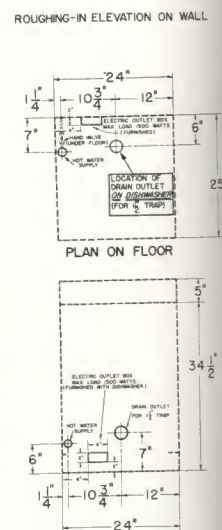
BE-100



SE-100



SE-113



UC-110

## SINK-MODEL DISHWASHERS

**CONSTRUCTION:** Sink, sink top, dishwasher cover (SE-100) are acid resistant, porcelain-enameled steel. Faucet assembly heavily chrome-plated for lasting beauty. Cabinet made of heavy-gage steel, specially processed for rust resistance, and finished with white, baked-on enamel.

**DIMENSIONS:** Height—36 inches plus 3 1/2-inch back-splash. Width—48 inches. Depth—25 inches.

**PLUMBING CONNECTIONS:** Faucet inlets tapped for 1/2-inch pipe. Dishwasher inlet valve tapped for 3/4-inch hot-water line. Dishwasher and Disposall outlets fit 1 1/2-inch traps (traps not included). SE-113 Electric Sink arranged so dishwasher and sink may be connected to overrun trap.

**ELECTRICAL CONNECTIONS:** Should be made with the BX cable to junction box in separate power line. Connections must conform to local codes.

**MOTOR DATA:** (All models) 115 volts; 60 cycles; 430 watts average input; 1/4 hp; 1725 rpm.

## FREE-STANDING DISHWASHERS

**CABINET MODEL Automatic Dishwashers, Models BE-100 and UC-110.** Have same structural features as sink model dishwashers.

**PLUMBING CONNECTIONS** and electrical connections are same as for sink model dishwashers.

**BE-100-DIMENSIONS:** Height—36 inches plus 3 1/2-inch back-splash; width—24 inches; depth—25 inches.

**UC-110-INSTALLATION:** Model UC-110 can be installed in any space measuring at least 34 1/2 inches high; 24 inches wide by 25 inches deep, and accessible to hot water and drain lines. It can be used under a standard work surface in combination with cabinets or as an independent unit. Counter top not supplied as standard equipment with this model.

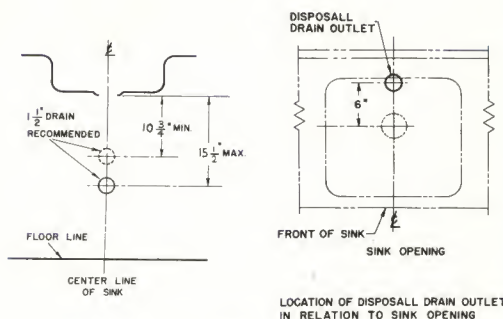
**UC-110 MECHANISM:** The dishwashing unit is mounted in the cabinet on smooth-action slides. These slides use ball-bearing rollers in reinforced heavy steel guides.

**RECOMMENDED WATER TEMPERATURES (ALL MODELS)—140F TO 160F.**





## Disposall Installation



FA-4 and FA-14 Installation

### DRAIN LOCATION Inches below sink bottom

	FA-4 and FA-14
CONVENTIONAL TRAP	
Minimum	10 <sup>3</sup> / <sub>4</sub> "
Maximum	15 <sup>1</sup> / <sub>2</sub> "

Wall drain locations shown above apply to Disposalls normally furnished with wrought tail piece for trap connection. During the period of NPA restrictions, a short cast iron elbow is substituted. This elbow limits the wall drain location to 11 inches below the bottom of the sink. To obtain further flexibility with standard traps, or to permit use of Hi-Boy traps, standard plumbing extension tubes may be used.

**Specifications for Disposall**—The specifications for both models are practically identical. They have the same capacity, same mechanism, and may be installed in almost any sink. Model FA-4 is furnished complete with Automatic Water Control. Model FA-14 is furnished less Automatic Water Control.

#### INSTALLATION:

Plumbing can be installed in sinks with 3<sup>1</sup>/<sub>2</sub> to 4-inch sink opening. Outlet fits a 1<sup>1</sup>/<sub>2</sub>-inch trap (trap not furnished). Water Flow Switch (Model FA-4) is tapped for 1/2-inch pipe, and must be plumbed into cold-water line to sink faucet.

**Electrical connection** should be made with BX cable or equivalent to a junction box. All connections must meet local codes.

Hi-Boy trap KTA-1262 adapts the Disposall to most existing high wall drain installations. This accommodates wall drain lines up to 7<sup>1</sup>/<sub>2</sub> inches below the bottom of the sink.



With automatic water control



Without automatic water control



# and here's a

**AUTOMATIC WASHER—Model AW5B6**—For a wash that's bright as sunlight . . . every piece with that hand-done look . . . depend on this new General Electric Automatic Washer!

Just put in the clothes and set the dial! It does everything else for you, all by itself:

1. Washes clothes with thorough soil-removing Activator\* action. Gets clothes really clean!
2. Rinses thoroughly, in Activator rinse.
3. Spins clothes damp-dry—many pieces dry enough to be ironed at once!
4. Automatically shuts off . . . ready for reload.
5. NEW Half-Load Selector lets you do small loads in much less water. NEW Fabri-flex Control allows the washer to be stopped any-time without changing the cycle.

NEW Interior Illumination and White Porcelain Washbasket for easier location of those little easy-to-lose items of your wash.

All this . . . plus General Electric dependability!

**AUTOMATIC  
WASHER**





# Complete G-E Laundry!

MATIC  
ER



◀ **AUTOMATIC DRYER (AD7)** Toss your clothes into the G-E Automatic Tumbler Dryer. It dries them indoors—quickly. No more waiting till the sun shines—no more hanging clothes up and taking them down.

Clothes are *automatically* dried Sunshine-Fresh—soft and fluffy, sweet and clean.

Don't depend on the weatherman when you dry your clothes—depend on General Electric!

AUTOMATIC  
IRONER



▲ **AUTOMATIC IRONER (AF20)**—Enjoy the comfort of “sit-down” ironing. Feel the pride of ironing *everything*—beautifully, professionally!

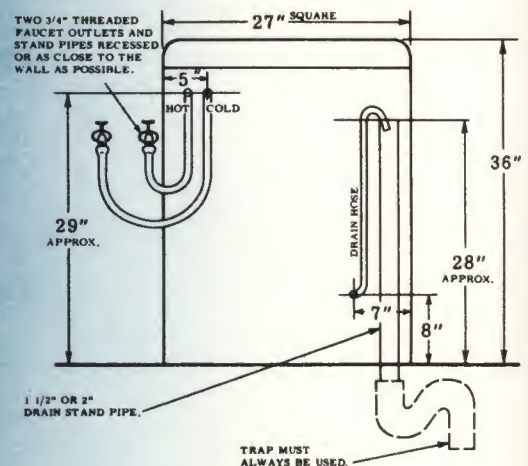
Heat is automatically controlled for each fabric . . . 400 pounds of pressure . . . *toe-touch operation*! 300 square inches of ironing surface! Does two flat pieces at a time! Does the job of 11 hand irons!

Give your clothes and linens that “hand-done” look with the General Electric Automatic Ironer.





# Specifications ...



## **AUTOMATIC WASHER (AW5B6)**

Electrical rating: 115 volts, 8 amp, 60 cycles

Dimensions: 27 inches wide; 27 inches deep; 36 inches high

Weight: Approximately 250 pounds, net



## **◀ AUTOMATIC TUMBLER DRYER (AD7)**

Electrical rating: 230 volts, 4600 watts, 60 cycles.

Dimensions: 31 inches wide; 27 inches deep; 36 inches high

Weight: 220 pounds

## **▶ WRINGER WASHER (AW372)**

Electrical rating: 115 volts, 60 cycles, motor rating 1/3 hp

Dimensions: 26 3/4 inches wide; 26 3/4 inches deep; 48 inches high

(Requires no installation)





### ROTARY IRONER (AR71)

Electrical rating: 115 volts, 1500 watts.  
60 cycles

Dimensions: Closed—36½ inches long;  
18½ inches deep; 36½ inches high  
Open—62 inches long; 34 inches deep; 41½ inches high



### ROTARY IRONER (AR51)

Electrical rating: 1300 watts at 115 volts,  
60 cycles

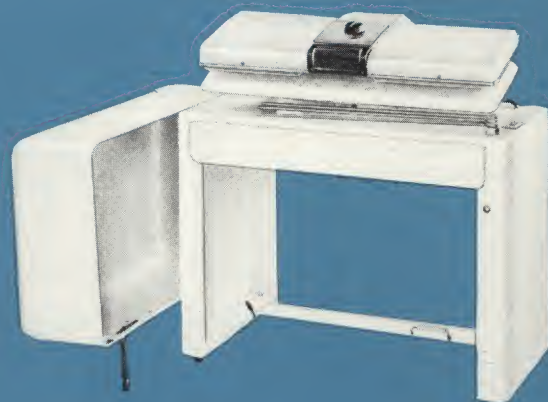
Dimensions: Closed—32 inches long;  
16½ inches deep;  
32½ inches high  
Open—32 inches long;  
24 inches deep; 39 inches high



### AUTOMATIC IRONER (AF20)

Electrical rating: 110 volts, 60 cycles,  
1575 watts

Dimensions: Closed—34 inches wide;  
19 inches deep; 36 inches high  
Open—44 inches wide;  
41 inches deep; 34 inches high



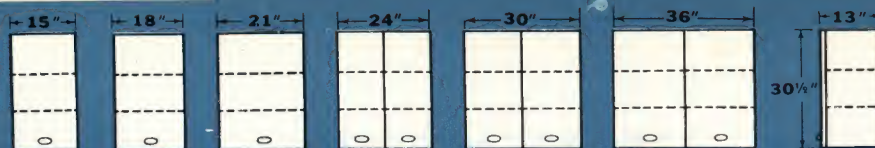
(Not Shown)

### PORTABLE ROTARY IRONER (AR30)—

Manually operated by "finger-tip" lever  
Roll: open end, 5-inch diameter, 22 inches long.

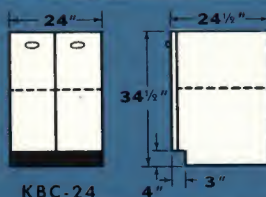


## WALL CABINETS



KW-1530 R&L   KW-1830 R&L   KW-2130 R&L   KW-2430 R&L   KW-3030 R&L   KW-3630 R&L

## CUPBOARD BASE CABINET

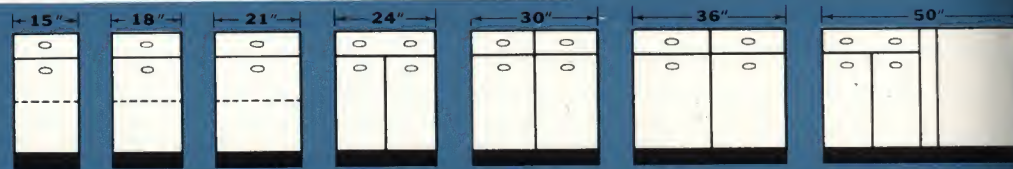


KBC-24



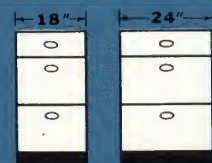
KW-2118 R&L   KW-2418 R&L   KW-3018 R&L   KW-3618 R&L

## CUPBOARD DRAWER BASE CABINETS



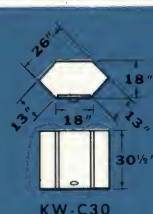
KBC-D15 R&L   KBC-D18 R&L   KBC-D21 R&L   KBC-D24 R&L   KBC-D30 R&L   KBC-D36 R&L   KBCD-C50 R&L

## DRAWER BASE CABINETS



KBD-18   KBD-24

## CORNER WALL CABINETS



KW-C30

## UTILITY CABINETS



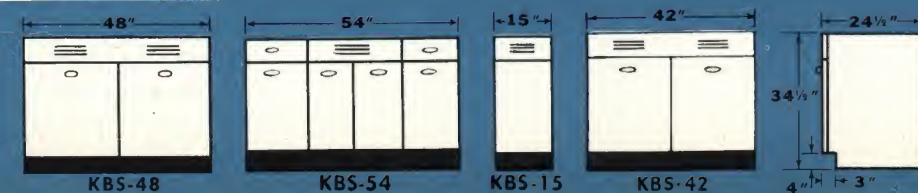
KU-W18

## SINK FRONTS



KBF-S24   KBF-S36

## SINK CABINETS



KBS-48   KBS-54   KBS-15   KBS-42   KBS-24 1/2



**TEXTOLITE**

### PLASTICS TOPS

*Wear Like Iron... Clean Like Glass*

General Electric Textolite\* plastics sink and counter tops can help a lot to make your dream kitchen come true. First, they save you work because they are so easy to clean. A damp cloth swished across a hard, lustrous G-E Textolite top restores its fresh appearance instantly. Then, too, a G-E Textolite top takes daily abuse—resists heat, alcohol, shocks. Even boiling water does not harm it. Choose from a wide selection of beautiful colors and patterns. With a G-E Textolite top...

*The Beauty Lasts*

\*Reg. U.S. Pat. Off.



# G-E Storage Cabinets Really fit Your Needs!

General Electric Storage Cabinets are the practical, finishing touch for your complete G-E Kitchen and Laundry.



**CONVENIENCE!** They provide adequate and easily accessible storage space for kitchen and laundry supplies, utensils, and equipment. Drawers open all the way out. Wire shelves provide full visibility. And the complete line of accessories — from cup hooks to flour bin — is designed with *your* convenience in mind.

**ECONOMY!** Think of it — *economy of space*. No haphazard storing of all sorts of kitchen and laundry supplies. What a *saving of your time!* No wandering around, hoping to find what you're looking for. And no trouble at all in keeping your cabinets clean. Just a whisk of a damp rag and the surfaces fairly sparkle.

**DEPENDABILITY!** Made of heavy-gage sheet steel, welded construction for strength and rigidity. The finish is of two-coat, baked-on enamel. Inside and out, these G-E Storage Cabinets are built to take it—for years and years to come. You can depend on them—because they're General Electric!

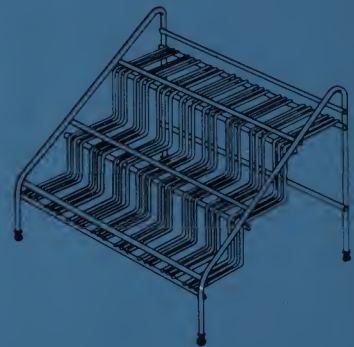
**Harmonize with General Electric Appliances!** G-E Storage Cabinets are designed to match the beauty of General Electric appliances. From the hardware to the gleaming finish, these cabinets are the final touch to a beautiful kitchen and laundry.

Only when you use G-E appliances and storage cabinets can you enjoy a *complete* General Electric Kitchen or Laundry.

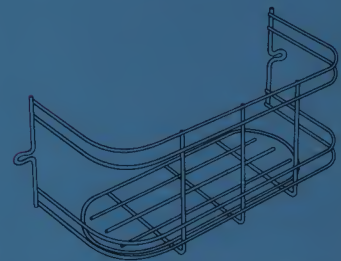


## MANY OTHER ACCESSORIES for Maximum Convenience and Utility

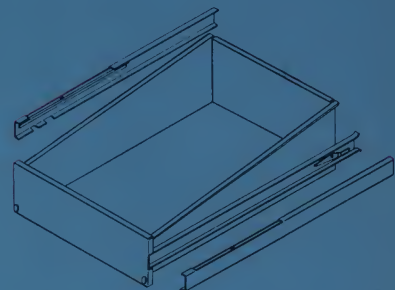
- Bulk Storage Bin
- Sliding Flour Bin
- Bread and Cake Bin
- Cutlery Tray
- Towel Rack
- Sliding Shelf
- Drawer Divider
- Expanding Condiment Shelf
- Pan Cover File
- Cup Rack and Cup Hooks



- A very handy accessory. Can be used in any wall cabinet or as a portable unit. Many uses will suggest themselves, although it is primarily designed for storing small packages.



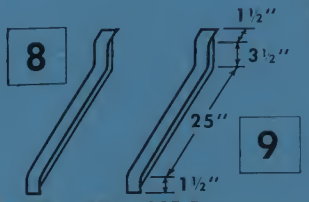
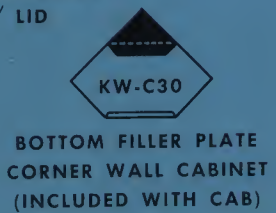
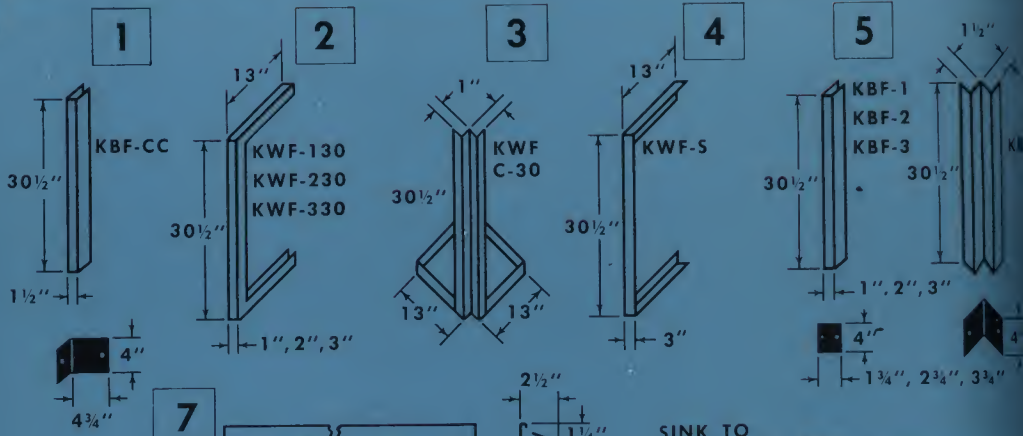
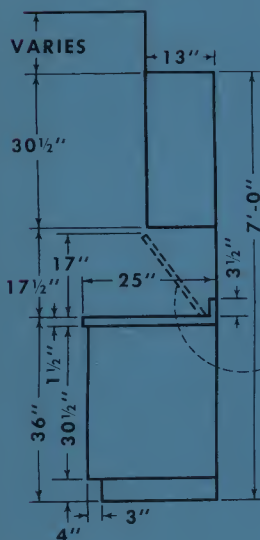
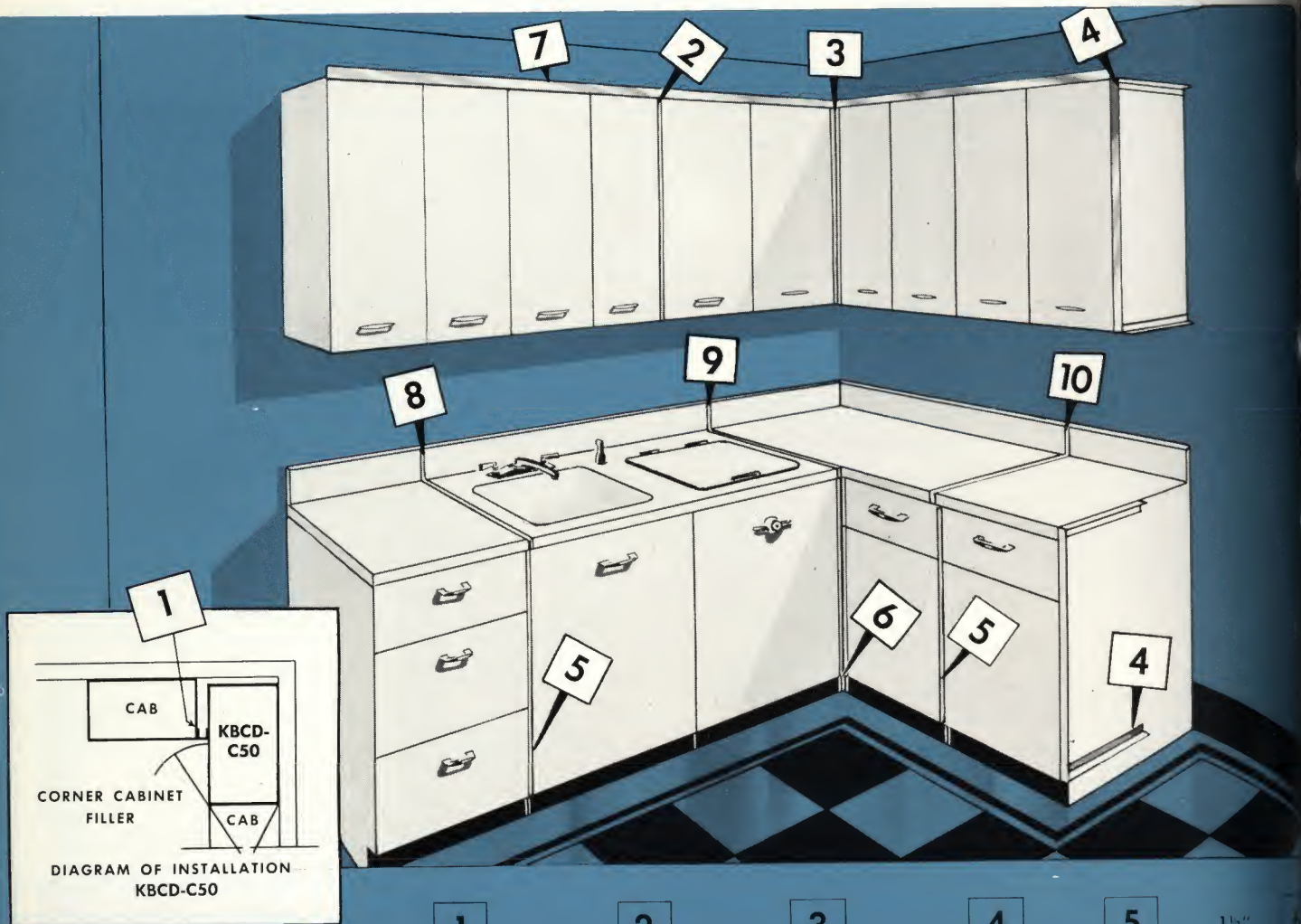
- Can be installed on any G-E cabinet door back, providing added storage space. Used for small articles, special utensils, appliance cord sets, etc. 3½ inches deep.



- Can be installed in cupboard base cabinets and in cupboard section of cupboard drawer base cabinets. Can be installed at any desired height—and several can be placed in one cabinet.



# Installation Fillers



**10** COUNTER TO COUNTER FILLER KTA-CCF

\*KWA-ST5 70 CONSISTS OF TEN 7 FOOT LENGTHS



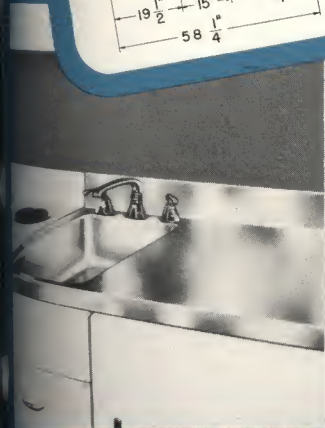
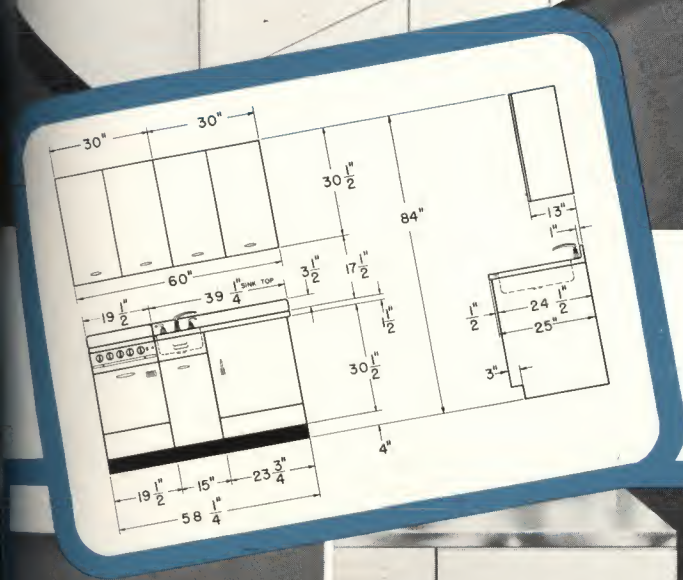
GENERAL  ELECTRIC

# for Apartments and Small Homes

## General Electric 60-inch Kitchen

Here is a complete working kitchen that provides for cooking, cleaning, storing, and preserving foods. There is a General Electric 4-cu-ft refrigerator . . . a G-E cabinet sink, to which a Disposall can be added . . . a General Electric "speed cooking" range . . . and G-E steel storage cabinets.

**G-E Kitchen Efficiency . . . in a small space.**



The drain board of the sink top gives plenty of room for food preparation. It is easy to keep sparkling clean.

This 4-cu-ft refrigerator meets the requirements of the small home, yet it is compact enough to fit under the sink top.

All-steel-welded cabinets provide ample storage space for foods and other supplies. No space is wasted.

The popular Studio Range does a full-size job in a small space . . . cooks, bakes, broils—electrically.



*You can put your confidence in*  
**GENERAL  ELECTRIC**

**CONVENIENCE**



**ECONOMY**



**DEPENDABILITY**



**GENERAL ELECTRIC COMPANY**

Appliance and Merchandise Department  
Bridgeport 2, Connecticut





*Quiet...* JUST ABOVE A WHISPER!



The NEW

**Waste King**  
KITCHEN  
**PULVERATOR**  
CONTINUOUS-FEED

A PRODUCT BY GIVEN • LOS ANGELES, CALIF. U.S.A.

with HUSH-CUSHIONS



**America's Finest Garbage Disposer**



# WASTE

# NEW!

## CONTINUOUS FEED OPERATIONS

*Faster, more convenient!* All food wastes are scraped into the drain while the unit is operating. No sorting of garbage... No unnecessary stopping to reload.



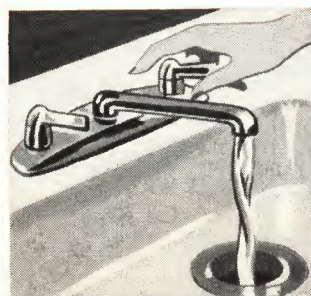
## "When you Rinse the Dishes . . . the Garbage is Gone!"

Here's the greatest boon to modern living, completing the cycle of home sanitation *forever!* Now you can enjoy the benefits of eliminating garbage the scientific and sanitary way with the automatic WASTE KING Pulverator.

Think of it! No more unnecessary trips to the garbage pail... No more garbage to handle, wrap or "save" in the kitchen... no more attraction for flies, vermin or prowling dogs. Food wastes during meal preparation and after meal dishes are flushed away, *pronto!*

**Your hands never touch garbage! It's kitchen-magic!**

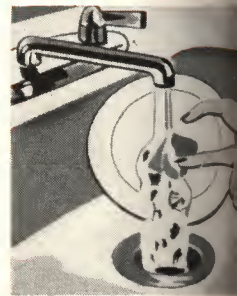
**Here's  
all  
you do!**



**1.** Turn on cold water



**2.** Flip on the switch



**3.** Scrape all food wastes into drain including bones, fruit pits, everything...including paper



# WASTE KING Pulverator

Ask for "THE QUIET ONE"

Most advanced...most efficient Garbage Disposer in the world!

Now with *"Hush-Cushions!"*

Revolutionary sink flange mounting and drain line connector keep noise and vibration from penetrating thru house plumbing.

## Resilient "HUSH-MOUNT"

Waste King is always smooth and quiet running. No shaking or pounding motions to loosen tile or cause cracks in porcelain sinks. Revolutionary "Hush-Mount" embedded in resilient rubber attaches to sink . . . acts as shock absorber and noise muffler. Eliminates metal-to-metal contact between unit and sink.

## Resilient "HUSH-CONNECTOR"

Now installation is made easier, leak-proof and quieter. Tail-piece extension pipe slips over rubber "Hush-Connector" type sleeve, preventing metal-to-metal contact and thus keeping noise and vibration from penetrating thru house plumbing.

## QUIET, DEPENDABLE OPERATION!

**BULKY FOOD WASTES**, such as carrot tops, potatoes, peels, etc. are reduced into minute particles by the stationary conical shredder sleeve before they pass thru the control slots.

**FIBROUS FOOD WASTES**, such as corn husks, artichokes, celery, rhubarb, etc. are always cut to short lengths to prevent waste line stoppage.

**HARD AND BRITTLE FOOD WASTE**, such as bones, fruit pits, etc. are pulverized to granular particles before passing thru control slots.

## ANTI-JAM...GRIND CONTROL

Improved shredding sleeve has a "shelf" that prevents particles from binding or wedging between the turn-table and shredding sleeve wall. Also, special horizontal slots retard passage of fibrous material, allowing rotary cutters under the turn-table to cut smaller and shorter fibers. Only the WASTE KING PULVERATOR has these exclusive *Anti-Jam, Lifetime Grind Control* features!

Patented "drain-away action" pulverizes and flushes all food waste particles down the drain in a swirling, scouring stream of water, leaving the Waste King clean and odorless after each operation.

A PRODUCT BY GIVEN MFG. CO., 3855 SANTA FE AVE., LOS ANGELES 58, CALIFORNIA

*America's Largest Independent Producer of Garbage Disposers*

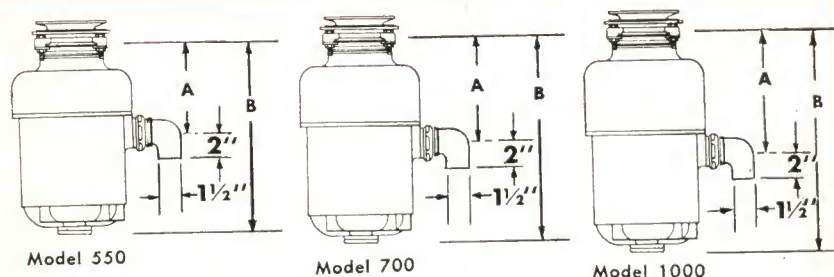


# WASTE KING Pulverator

**3**  
QUIET  
MODELS

The Most Complete Line Of  
Garbage Disposers in America ...

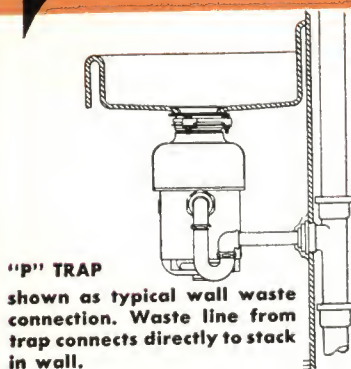
**THERE'S A SIZE TO FILL YOUR REQUIREMENTS!**



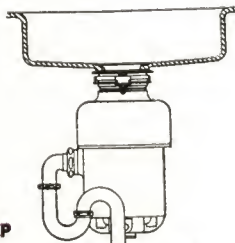
Models	A	B	Description of Use
550	5 1/2"	12 3/4"	The only one for plumbing close to underside of sink; for apartments and existing home modernization.
700	7"	14 1/4"	For all-purpose home and apartment installations, kitchen modernization and new construction.
1000	10"	17 1/4"	For modernization and new construction where lower plumbing outlet permits.

**NOTE:**  
The outlet elbow should always be installed in the downward position.

## INSTALLATION VIEWS



**"P" TRAP**  
shown as typical wall waste connection. Waste line from trap connects directly to stack in wall.



**"S" TRAP**  
shown as typical floor waste connection. Drain line from trap connects directly to stack under floor.

### EASILY INSTALLED

WASTE KING Pulverator fits any type of sink having a 3 1/2-inch drain opening. Choice of three model sizes makes installation faster, inexpensive without lowering wall waste line. Unnecessary to disassemble for either RIGHT HAND or LEFT HAND installation.

#### DATA

Shipping Weight approx. 31 lbs.  
Net Weight.....approx. 28 1/2 lbs.

#### MOTOR

HP .....1/4  
RPM .....1725  
Frequency Cycles.....50 or 60  
Volts .....115  
Bearings .....Permanently Oiled  
Manual Re-set (overload protection).....Built into Motor

## Facts About The WASTE KING Pulverator

**OPERATION:** (1) Turn on water. (2) Turn on the switch. (3) Scrape food waste into drain opening. That's all.

**CAPACITY:** The PULVERATOR is a continuous-feed type unit. It will take *all* food wastes down the drain. No soaking. ... No starting.

**APPLICATION:** The PULVERATOR provides a drain opening with the proper clearance for a joint connection to a conventional 1 1/2-inch trap. "P" or "S" traps can be used for wall or floor, respectively.

Electrical connection from plug outlet to the terminal on the unit should be made with 120-volt, AC Underwriters' approved wire. A toggle switch may be located on the wall within reach or inside the sink cabinet. The PULVERATOR can be used with septic tanks or cesspools. (Detailed information will be furnished on request).

**MECHANISM:** The PULVERATOR is a precision made, mechanical product. Dura-steel high grade, surgical steel alloy is used for all cutting and shredding parts. The inner and outer housings are made of quality aluminum alloy. All joints are sealed with resilient rubber gaskets. Graphite seal and seal plate protects 1/4 HP electric motor from moisture and grease. Ball type bearing is permanently sealed and lubricated.

## ONE YEAR WARRANTY

## ACCOMPANIES

## EACH UNIT



# Moncrief

THE FINEST IN AUTOMATIC HOME HEATING EQUIPMENT





# MONCRIEF

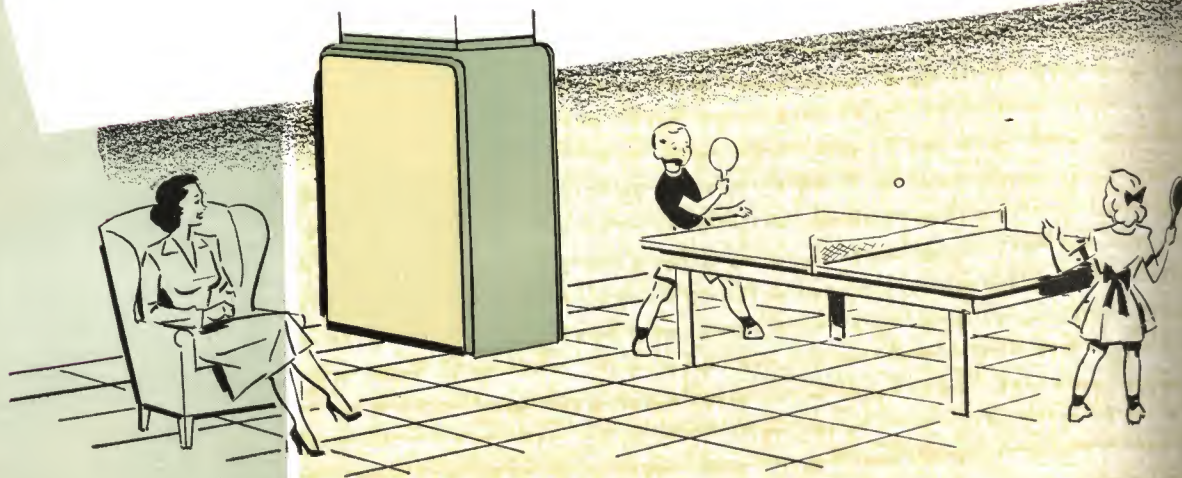
## "Years Ahead" Heating Equipment

If you're planning your new home, don't forget, it's the heating that controls your home comfort and enjoyment for many months of the year. So don't make the mistake of a "hit-or-miss" choice.

There are good reasons why after more than 50 years, more builders of homes keep specifying Moncrief heating and air conditioning equipment and—in greater numbers each year. Homebuilders have also learned through experience that Moncrief gives complete satisfaction—the only kind that you are going to be happy with.

This is the reason why it will pay you to have a Moncrief heating system in your home.

It will pay you dividends to take a few minutes to look over the entire line of Moncrief "Years Ahead" heating equipment described on the following pages—there's a Moncrief that's built to fit your heating requirements. Then consult your Moncrief dealer or mail us the coupon on the back cover.





## MONCRIEF "Years Ahead" Gas Fired Air Conditioning Unit

Ideal heating comfort—automatically controlled, is yours with this Moncrief "Years Ahead" Gas Fired Air Conditioning Unit.

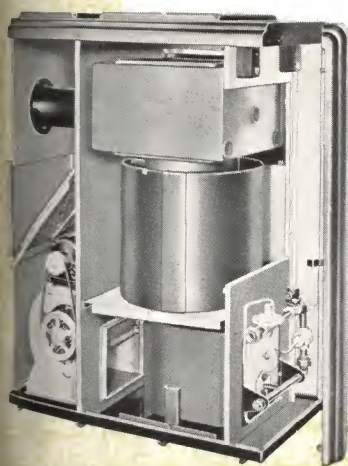
Have you ever seen a more attractive heating unit whose smart appearance is additionally enhanced by the beautiful, baked enamel finish of the cabinet.

Entirely concealed are all the automatic controls . . . the heating element . . . the silently operating, large-capacity air handling equipment, air filters and humidifier, and Moncrief burners for natural, manufactured, liquified petroleum, and all types of mixed gases.

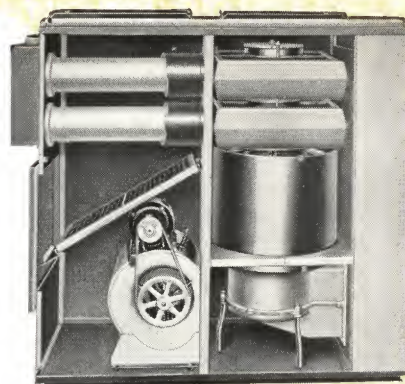
Moncrief Gas Fired Air Conditioning units are constructed with either a steel heating element that is welded leak-proof and gas-tight, or with a heavy cast iron heating element. All radiators are provided with readily accessible clean-out ports.

With a Moncrief Air Conditioning Unit your winter heating chore is to just set the room thermostat to your "comfort-zone" and let the automatic controls regulate and operate the system until the end of cold weather.

Units have a B. T. U. input range from 70,000 to 250,000 and bear the approval seal of the American Gas Association.



Interior view showing steel heating element with rectangular radiator, controls, air handling equipment and large capacity air filter.



Interior view of Air Conditioning Unit with cast iron heating element.



The attractive, smartly styled Air Conditioning Unit

## MONCRIEF Utility Air Conditioning Unit

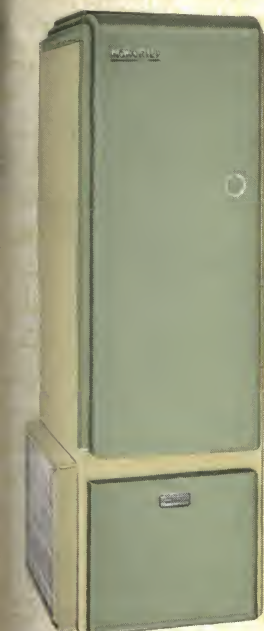
Where space is vitally important in your new basementless home plans, you can make no better choice than Moncrief's compact Gas Fired, Utility Air Conditioning Unit. You get all the same high-quality construction and operating features provided by Moncrief's gas-fired basement air conditioning unit.

With a Moncrief you can truly enjoy "Years Ahead" heating comfort in your home by merely setting the room thermostat to your "comfort-zone."

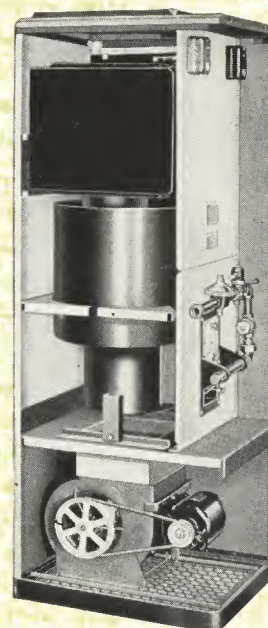
These automatic air conditioning units have been designed so they can be installed in a utility room or closet, with the recirculating air coming in at either side or at the bottom of the cabinet. The entire installation requires little space.

Moncrief gas-fired Utility Air Conditioning Units are constructed with a steel heating element that is welded leak-proof and gas-tight. Radiators are provided with readily accessible clean-out ports for ease of inspection and for cleaning if ever necessary.

Units range from 65,000 to 125,000 B.T.U. input and bear the seal of the American Gas Association.



Front view of Utility Unit with burner controls concealed by the attractively designed cabinet.



Interior view shows steel heating element, controls and air handling equipment.



## MONCRIEF Gas Fired Gravity Furnace

Moncrief's new, gas-fired gravity furnace will give you all the convenience and advantage of automatic gas heating at low initial cost and low operating cost.

You'll find that heating with a Moncrief gas-fired gravity furnace is "clean gas heating." Wallpaper, drapes, curtains, in fact the whole house, including the basement, stay cleaner longer.

With a Moncrief gravity furnace there is nothing more to do than light the pilot—set the room thermostat to your "comfort-zone" setting—and your winter heating chores are done. Can you think of a more effortless convenience in your home?

Moncrief gravity furnaces are available with either steel heating elements or cast iron heating elements, whichever you prefer.

## MONCRIEF Oil Fired Gravity Furnace

Here is oil-fired gravity heating in truly economical form—Moncrief's oil-fired gravity furnace equipped with either a Pressure Vaporizing Oil Burner or with a Gun Type Pressure Atomizing Oil Burner, whichever you prefer.

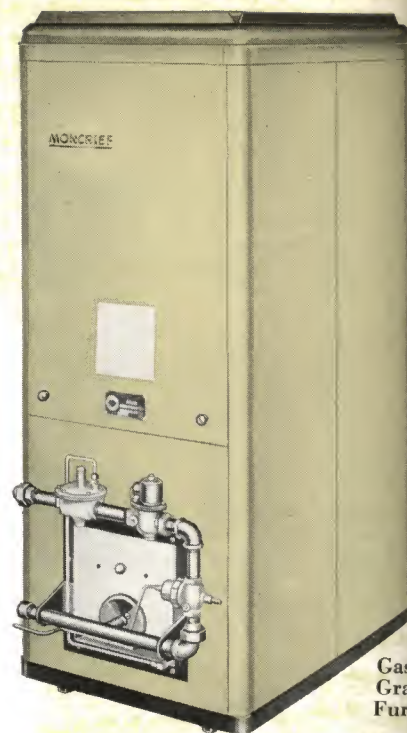
Designed for small homes, or larger homes with insulation, this furnace provides dependable heating, year after year and requires only a small amount of basement space.

In designing this unit Moncrief engineers spared nothing in the way of construction, material or equipment that would distinguish it from units much higher in price. This furnace has all the "Years Ahead" qualities so characteristic of all Moncrief heating equipment.

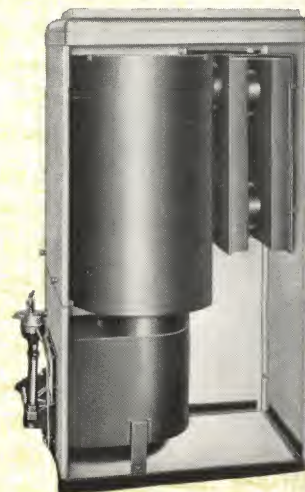
Both types of Moncrief Oil Burners are listed by Underwriter's Laboratories, Inc.



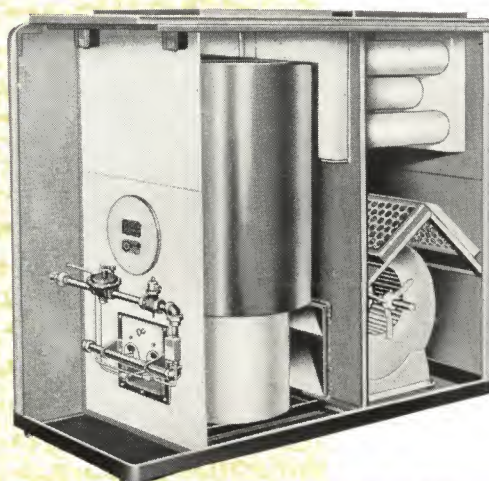
Oil-fired  
Gravity  
Furnace



Gas-fired  
Gravity  
Furnace



Interior view of gas-fired  
Gravity Furnace.



Interior view of gas-fired  
Air Conditioning Unit

Another  
**MONCRIEF**  
"Years Ahead"  
Feature —  
The Majority of  
**MONCRIEF** Units  
Are Designed to  
Burn Either  
**GAS or OIL**



# MONCRIEF Oil Fired Air Conditioning Unit with Gun Type Oil Burner

If your new home requires an Oil-fired air conditioning unit with large heating capacity, here's an attractive unit fired by a Moncrief gun-type oil burner that will bring you the utmost in heating efficiency and satisfaction.

This oil-fired unit is highly efficient in providing speedy, economical delivery of heat on those blustery winter days . . . circulating the warmed, healthful, humidified air throughout the entire house.

Home cleaning and home upkeep are reduced to a minimum, because Moncrief's steel, heat-producing elements are made leak-proof and gas-tight by submerged arc welding process. And—as in all Moncrief air conditioning units, large capacity filters remove dust, pollen and other impurities from the circulating air. An automatic humidifier provides the necessary moisture so necessary for healthful, home-heating satisfaction.

For the home without a basement, Moncrief builds this unit in the Utility Air Conditioning Model, as illustrated in the lower right corner. You can be assured of economical performance and long-lived, trouble-free heating satisfaction, whether your particular home requires the Utility or the basement model.

## The Oil Burner

The Moncrief Oil Burner is outstandingly "Years Ahead" in engineering features—features that will provide long years of trouble-free, economical heating service.

Efficient combustion is provided with the heaviest types of domestic fuel oils, which are generally lower in price. All operating parts of the burner are precision built, dynamically balanced for long life and quiet operation.

Inspection and servicing features are also "Years Ahead" with this Moncrief Burner. After installation the air tube never has to be disturbed. The complete burner chassis is mounted to the furnace on 4 heavy, positioning studs and is likewise completely removed by just removing 4 nuts from the studs—a distinctive Moncrief development in Oil Burners.

Giving the Moncrief customer a choice of fuel without having to tear down or replace the heating plant is another "Years Ahead" development in Moncrief heating equipment.

Most of the units in the Moncrief line have this important "Years Ahead" feature—they burn either Gas or Oil and can be converted from one fuel to the other at any time you desire to make a change.

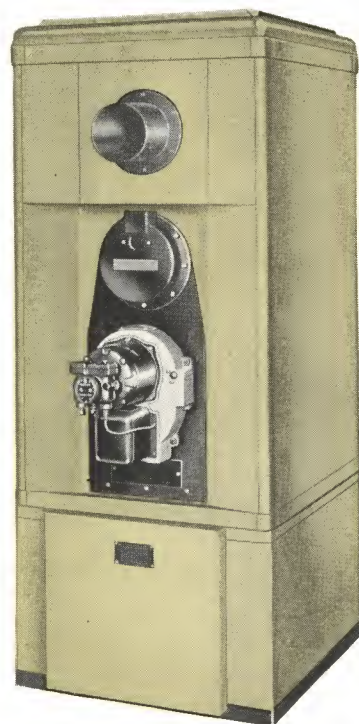
Moncrief oil burners and Moncrief gas burners operate with equal efficiency in the convertible Moncrief units. The Gas Fired Units are approved by the American Gas Association. Moncrief Oil Burners carry the listing of Underwriter's Laboratories Inc.



Oil-fired  
Gun type  
basement  
air conditioning  
unit.



Oil Fired Gravity Furnace  
with Gun Pressure  
Atomizing Oil Burner.



Oil-fired Gun type Utility  
air conditioning unit.





Front view of vaporizing oil-fired air conditioning unit.

## MONCRIEF Vaporizing, Oil Fired Air Conditioning Unit

Now, no matter where you may build your home—a Moncrief vaporizing, oil-fired air conditioning unit will fit into your building budget as a surprisingly low-cost item. Your initial cost will be *low*—your operating cost will be *low* and your maintenance and upkeep will be *low*.

This Moncrief unit with Moncrief's vaporizing oil burner is really "Years Ahead" in providing the utmost in dependable year-in and year-out heating satisfaction.

The heating element, of heavy gauge steel is electrically welded into a gas-tight, leak-proof unit that has been scientifically constructed to extract all the heat possible from the burning fuel—and to do this for year after year. Long life is a proven characteristic of all Moncrief equipment.

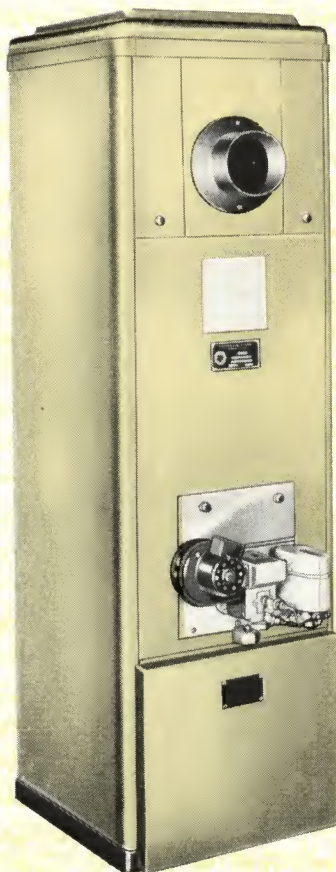
The burner is simple to install because of a distinctive "mounting plate," which, when attached to the front of the furnace, places the burner in its proper position in the heating element. By loosening 4 screws, and detaching the oil line, the burner can be quickly removed for inspection or servicing, without disturbing the cabinet.

### MONCRIEF Vaporizing Oil Fired Utility Unit

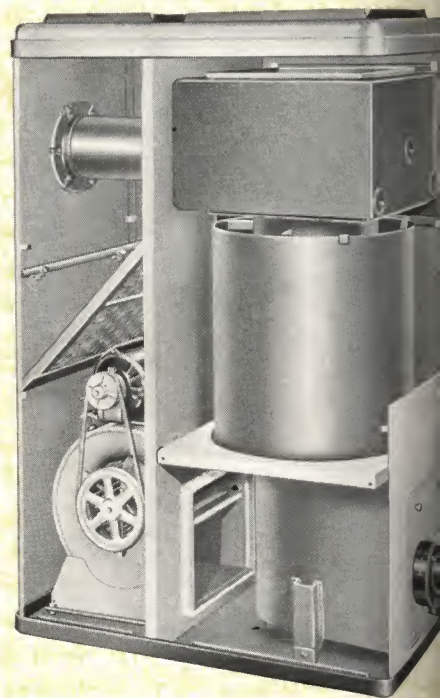
If you are planning a home without a basement, here is Moncrief's utility vaporizing oil-fired air conditioning unit that combines all the "Years Ahead" construction features of the basement unit described above.

This Utility unit is designed for installation where space, installation cost, dependability, and heating performance are most important factors. The unit requires a small amount of floor space and may be installed in utility room, hall or closet.

The Pressure Vaporizing Oil Burner in this, and all other models, bears the seal of Underwriter's Laboratories Inc.



Front view of vaporizing oil-fired utility air conditioning unit.



Interior view of vaporizing, oil-fired air conditioning unit.



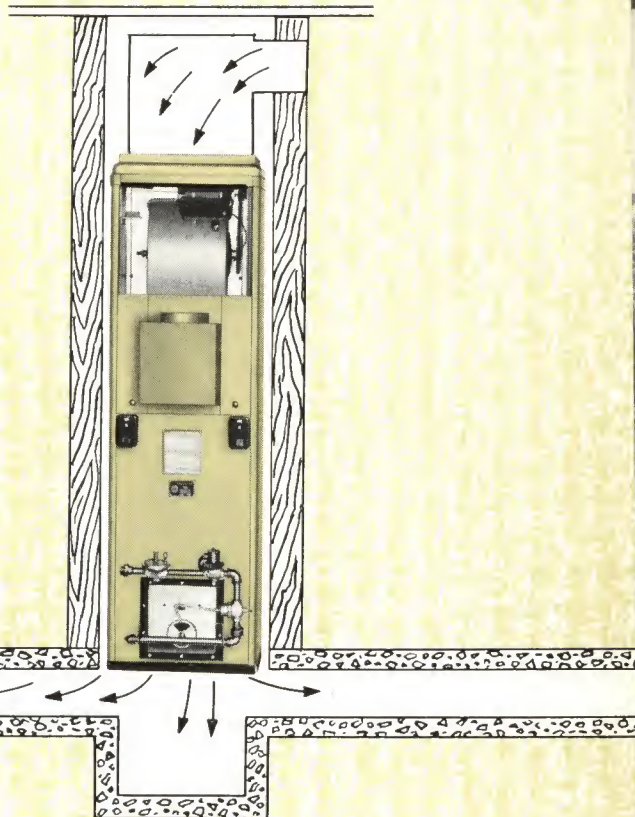
## FOR HOUSES WITHOUT BASEMENTS

### Moncrief Counterflow Units

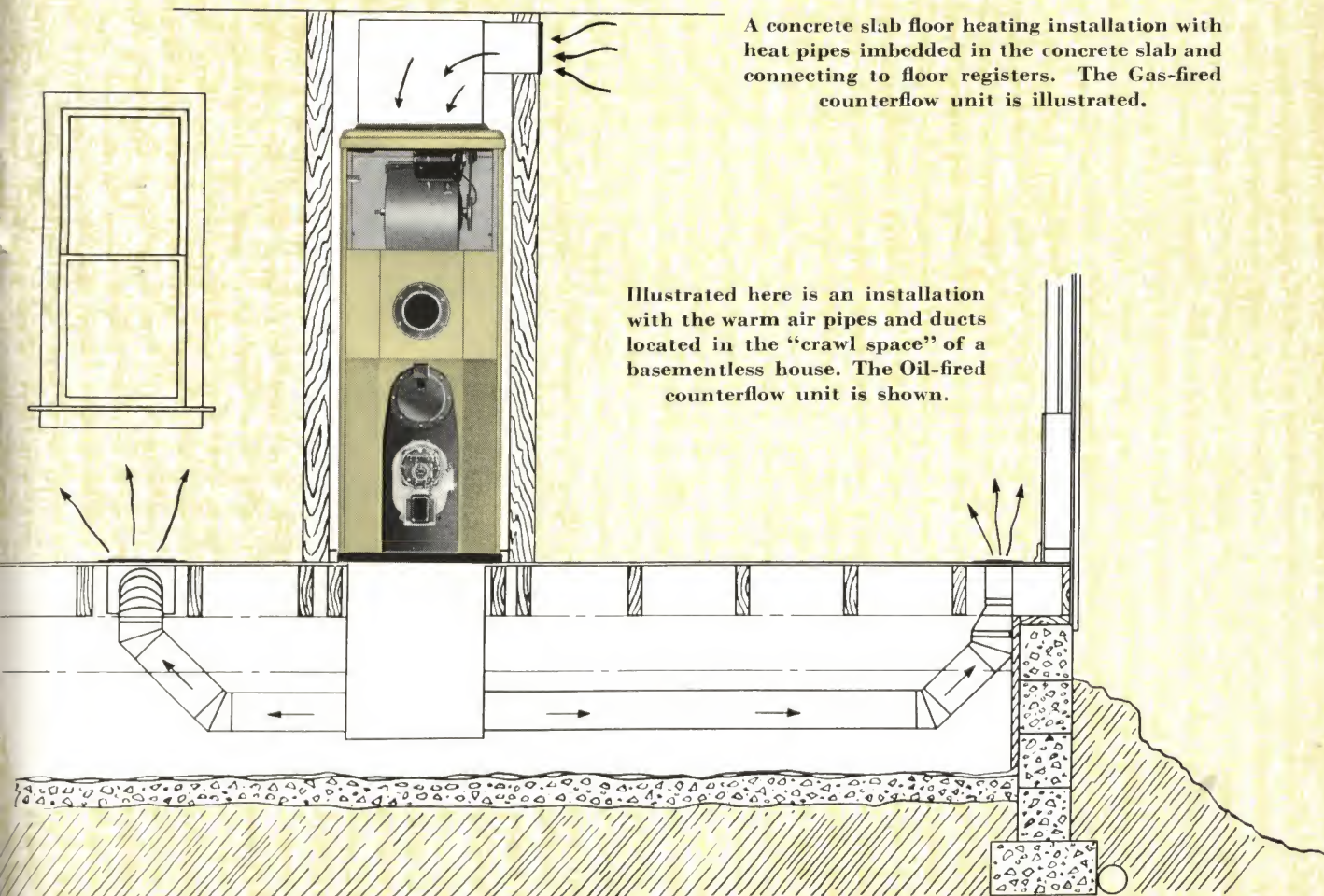
The new trend in basementless home design where concrete slabs are used for the house floor, has been followed by a new trend in heating design and construction—equipment that is quick and economical to install...equipment adaptable to new style heating installations—The Moncrief Counterflow unit.

This uniquely engineered unit has the same, durable heating element as the regular utility unit and has the same attractive cabinet except that the blower fan is placed at the top of the cabinet above the heating element. This type of unit draws the return air into the top of the unit and blows the heated air downward into the heat-conveying pipes or ducts in or below the floor.

With this type of unit three types of heating installations can be made: You can have floor panel heating with the heat pipes imbedded in the concrete slab floor...or you can have warm air register heating by connecting these same heat pipes to room registers in wall or floor...or you can have an installation with the heat pipes installed under the slab floor in the crawl space, with the pipes connected to registers through which the heated air can circulate into the rooms being heated.



A concrete slab floor heating installation with heat pipes imbedded in the concrete slab and connecting to floor registers. The Gas-fired counterflow unit is illustrated.



Illustrated here is an installation with the warm air pipes and ducts located in the "crawl space" of a basementless house. The Oil-fired counterflow unit is shown.



**THE HENRY FURNACE COMPANY  
MEDINA, OHIO**

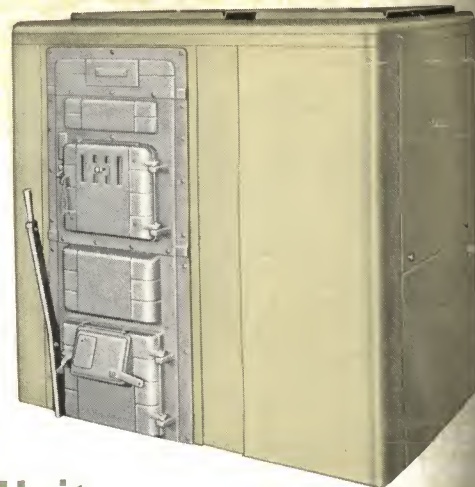
Please have your nearest Moncrief dealer arrange to provide me with:

- (     ) additional information.  
(     ) a quotation on a Moncrief installation in my home.

Name.....

Address.....

City.....State.....



Exterior View of "All Fuels"  
Air Conditioning Unit  
equipped with grates for coal  
burning.

## MONCRIEF "All Fuels" Steel Air Conditioning Unit

Here is just that furnace that will meet any fuel problem—you can safely install it to burn any fuel—coal or gas or oil.

The design and construction that provides long fire travel and large heating surfaces so necessary and essential for an "All Fuels" Unit are all built into this advanced heating plant.

Heating element is heavy steel, automatically welded gas tight. Automatic humidifier adds the moisture necessary for health. Air filters remove dust, dirt and pollen. Blower fan delivers warm air under positive pressure; will provide constant air circulation in hot weather.

## MONCRIEF Coal Fired Gravity Furnace — Cast Iron Heating Element

When a dependable, highly efficient heating plant is desired, this furnace has been the "people's choice" for over fifty years.

Heavy cast iron construction with a minimum of joints—heavy duplex grates or triangular bar grates make this furnace an outstanding value for the low priced home.

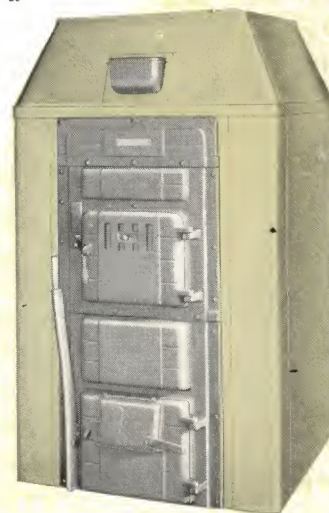
You can get this furnace either with a square, baked enamel casing illustrated at left, or with the conventional round type casing.



### Gravity Steel Furnace

In this heavy duty, steel furnace you get the same rugged construction as in the "All Fuels" air conditioning unit—and at a surprisingly low cost.

The heating element and radiator have automatically welded, non-porous, leak-proof seams. Fire chamber is lined with fire brick. Made in two styles, square enameled casing, shown at right, or the conventional round type casing. You'll get long years of trouble-free heating comfort with this coal-fired furnace.



PRINTED IN U. S. A.

**THE HENRY FURNACE COMPANY**

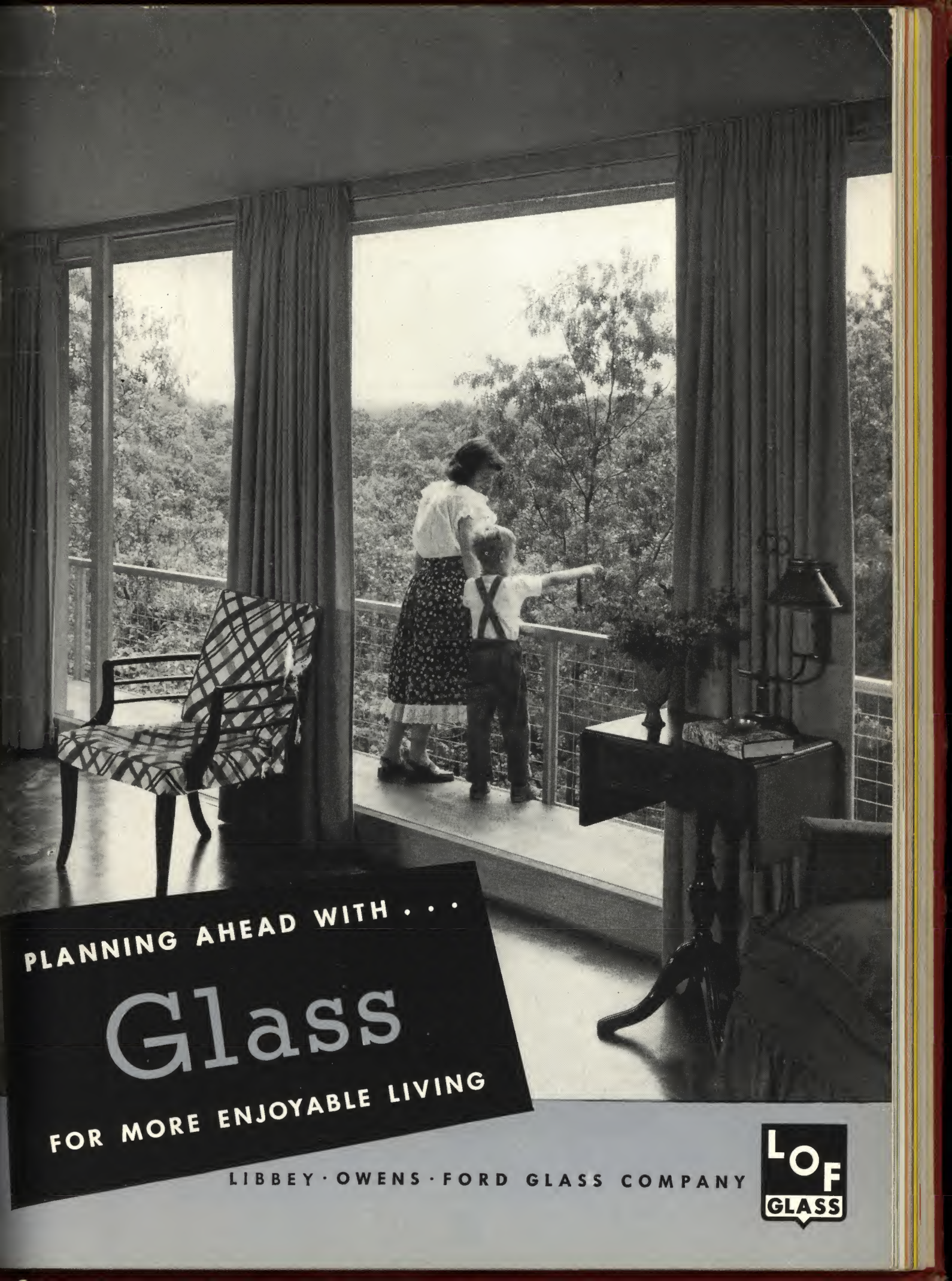
Medina, Ohio

**MONCRIEF**  
SINCE 1895

HEATING AND AIR CONDITIONING UNITS

FURNACE PIPE AND FITTINGS





PLANNING AHEAD WITH . . .

Glass

FOR MORE ENJOYABLE LIVING

LIBBEY · OWENS · FORD GLASS COMPANY





**MANY NEW IDEAS** have been developed in home construction and decoration in recent years. Most prominent among them has been the greater use of glass. The purpose of this book is to help you see what glass can do for your home . . . to show you how you can use it to add charm and beauty to every room . . . how it can give interiors a more spacious, more cheerful feeling . . . how modern glass can make your home more comfortable, and easier to clean.

**GLASS IS A VERSATILE MATERIAL.** It can be used in many more ways than we can show here. But these ideas can be adapted, if necessary, by you and your architect to fit your individual needs and desires . . . to provide more livability, more enjoyment.

**AND REMEMBER THIS** . . . glass can do as much for the small house as the large, perhaps more. It adds smart, individual touches that mark your home as up to date . . . makes it the kind of place that will be a constant source of pride and satisfaction to all your family . . . a home that will win the admiration of all who see it.

The following trade marks mentioned in this booklet are the property of the Libbey-Owens-Ford Glass Company, and all have been registered in the United States Patent Office:  
VITROLITE • THERMOPANE • TUF-FLEX • BONDERMETIC SEAL

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# FOR MORE CHEERFUL, MORE INTERESTING ROOMS

## "Open" THE WALLS WITH Glass



● Cheerfulness goes hand in hand with daylight and outdoor beauty.

And so, why not plan to bring in more daylight and make the most of outdoor views? Open your rooms to both—with glass.

Perhaps you've noticed the trend to larger windows in recent years. Why? Not just to be different—but because architects and owners have found through experience that homes with greater window areas are more cheerful, more pleasant places in which to live. They have a more spacious feel . . . they permit enjoyment of the beauties of the ever-changing landscape. Such homes capitalize on the often taken-for-granted ability of glass to let your eyes roam to the outdoors while you sit cozily inside.

You might wonder about privacy. Your architect can take care of that by careful landscaping . . . by facing larger windows away from passing traffic . . . or by using beautiful translucent architectural glass that brings in the light but guards your privacy.

No longer need you worry about excessive heat losses where large windows are used . . . even in cold climates. That problem has been answered with Thermopane—the Libbey-Owens-Ford windowpane that insulates. Thermopane allows you



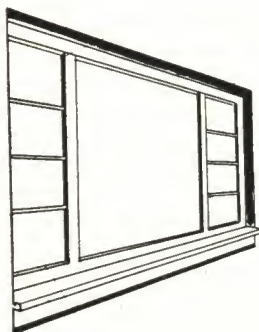


to enjoy the charm of bigger windows with comfort and heat savings you'd never imagine possible in cold weather. Thermopane consists of two or more panes of glass, with a hermetically-sealed dead air space between. You'll find a description of Thermopane on pages 22 and 23. It's one of the important "better things" that technical research and industrial progress have made available for your new home.

Your architect is familiar with the many ways glass can give your home greater beauty, charm, comfort and a feeling of greater spaciousness. These and other benefits are summed up in the term "DAYLIGHT ENGINEERING" . . . the intelligent use of glass to achieve predetermined, desired results. Ask your architect to include the many advantages of Daylight Engineering in the design of every room of your home.

## CHOOSE THE TYPE OF WINDOW THAT BEST FITS YOUR NEED

● Libbey-Owens-Ford does not make windows . . . only the glass with which they are glazed. But we wish to call to your attention several types of windows commonly used in modern home construction.



### PICTURE WINDOWS

You will want a large window in many rooms of your home. The big area of clear glass presents an unobstructed view of the outdoors. It brings in beauty—brightens and livens the whole room. You can provide ventilation with windows which open on either side, or a louvered opening above or below the main window.

### BAY

You may want your Picture Window projected into a bay. It provides an area for a window seat, or an indoor flower garden. And it tends to give the room a more spacious feeling.

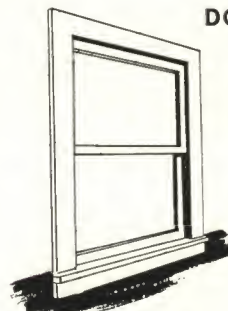
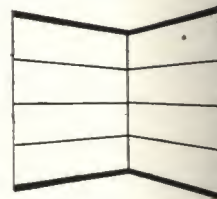


This is a familiar type of window, with the glass divided into small panes. Note how it cuts up the view, prevents full enjoyment of the scene.

A step to better visibility. This window is in keeping with modern trends. Such a window offers benefits in easier cleaning and repainting.

### CORNER WINDOWS

Provide a broader view and bring daylight in from two directions. Widely used in recent years, they are very popular with homeowners who have them.

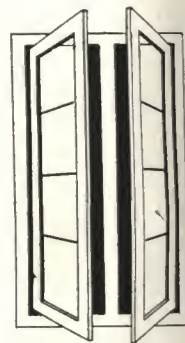


### DOUBLE-HUNG WINDOWS

In wood or metal. This is the familiar type that slides up and down. Such windows are available in a wide range of types and sizes to meet almost any requirement for daylighting and ventilation.

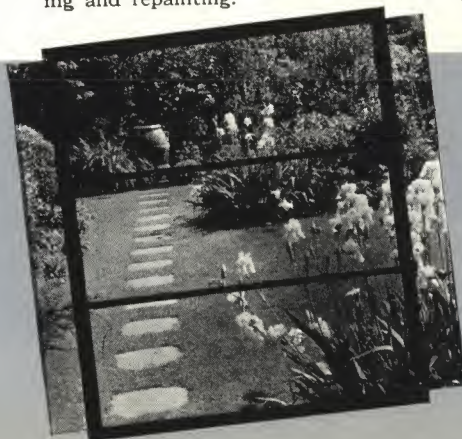
### CASEMENTS

In metal or wood. Casement windows swing in or out—some of them are operated by a mechanical device on the inside window sill. They are available in a wide range of types and sizes.



### A WORD ON WINDOW DESIGN . . .

This window provides an unobstructed view. In effect, it's a beautiful mural you can enjoy the year 'round. Easier to clean and repaint, too.





# GLASS PUTS LIFE IN THE Living room

● Glass has glamor. It offers boundless opportunities to give your living room a brighter, cheerier atmosphere—and a feeling of pleasant spaciousness. Glass is a practical material, too. It's easy to clean. Its finish is unharmed by spilled liquids. And it never needs refinishing.

● Glass can put zest into every part of your living room. You'll want to make the most of the outdoor view with a huge Picture Window glazed with L-O-F Thermopane. Behind the sofa you can project a dynamic extension of the entire room with a tall, broad mirror. And a mirror will dress up the mantel, too. Glass is not relegated to the walls alone. Oh, no! For an unusual flavor, make one of your tables all glass . . . use glass shelves for knickknacks, and a graceful sweep of glass along your stairway. There's no end to the things you can do with glass to liven up your living room. Try it and see.



**COLORFUL MURALS** the year-round—when you have big Picture Windows like these. They lift the room out of the ordinary, flood it with cheerful sunshine. And, because they're glazed with Thermopane, comfort is not jeopardized in winter.





A WALL SPRINGS TO LIFE under the clear magic of a mirror, placed behind the sofa, where it can "double" the coloring of the room. Crowded rooms take on new spaciousness when the wall is "moved back" with a mirror.

ATTRACTIVE "INSIDE" WINDOW decorative glass brightens and enlivens might otherwise be a drab and uninteresting. Use this lovely glass in windows when to cut off an undesirable view.



PRACTICAL AND CLEVER . . . this table with a top of clear glass. It comes sparkling clean, like new, no matter what you spill on it.



CHARMING BACKGROUND for your favorite table or chest. Use an occasional mirror of a style that harmonizes with your furnishings.



COMPLEMENT TO A FIREPLACE . . . a crisp, unframed mirror. It brightens the whole room by reflecting daylight from a window.







**NO HARM CAN COME** from spilled ink or frequent washing when your desk is topped with clear glass.

**BEAUTY AND CONVENIENCE** are combined in this unusually attractive fireplace faced with colorful Vitrolite. It comes sparkling clean with a damp cloth. Note the glass shelves backed with mirrors.



**GUESTS WILL APPRECIATE** this handy, full-length mirror. Fine for you, too, for a last look before departure.

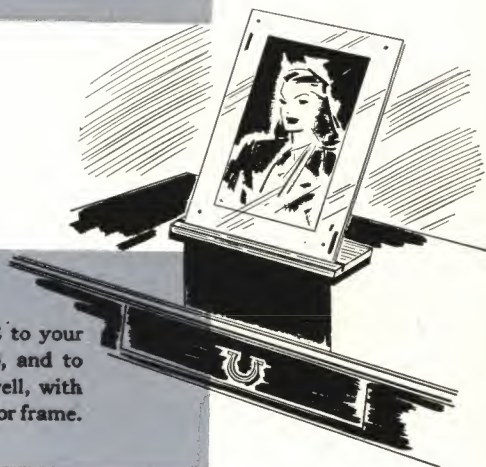


**CURE DARK WALL AREAS** with an attractive partition of fluted glass between the living and dining rooms.

**LOVELY TO LOOK AT**—and sensible. This charming table has stain-proof glass for its surface, and you can see your favorite magazine underneath.



**DO JUSTICE** to your favorite photo, and to the room as well, with a lustrous mirror frame.



**DRAMATIZE YOUR STAIRWAY** with a two-story bay window, glazed with Thermopane for insulation.





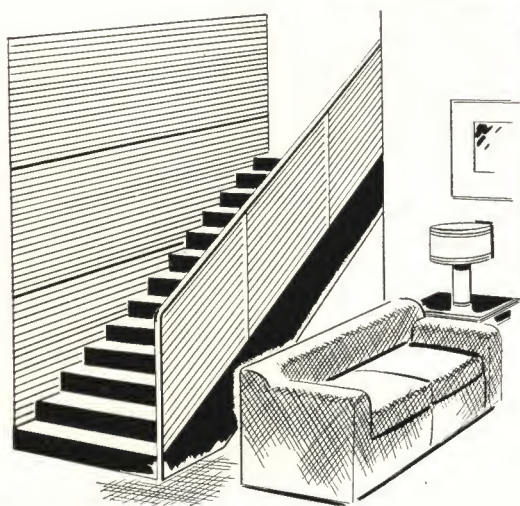


**BRIGHTEN THE HALLWAY**  
 Photograph at left shows how a light-transmitting panel of Louvrex glass can double as a what-not shelf.

Below—If you want to see who's at the door, use clear panes at one or both sides.



A LIGHT TROUGH fitted with translucent glass is ideal, diffuses light softly, evenly throughout the room.

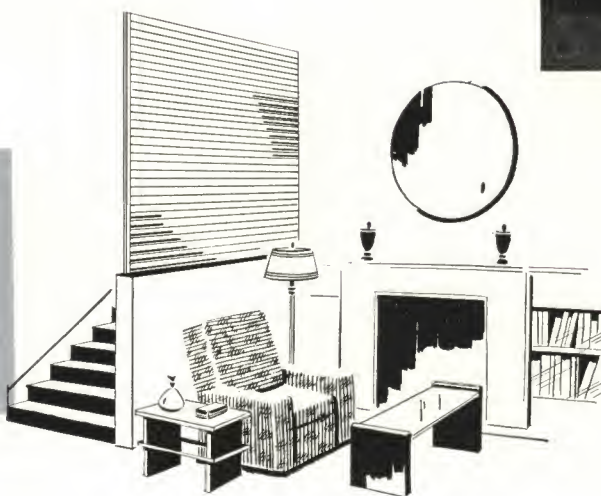


**NO DARK STAIRWAYS** when a translucent glass partition shuts off the steps without shutting out light.



**THIS STUNNING TABLE** can be made of Tuf-flex, the Libbey-Owens-Ford glass that is tempered for extra strength. What a welcome addition to a living room!

**VERY ATTRACTIVE**  
 . . . a stair panel of sparkling fluted glass. It transmits light from the room onto the steps. And it's so easy to clean.







**FAVORITE LOUNGING SPOT . . .** a porch enclosed with L·O·F Thermopane for year 'round insulation is a cheerful, healthful place for leisure hours.

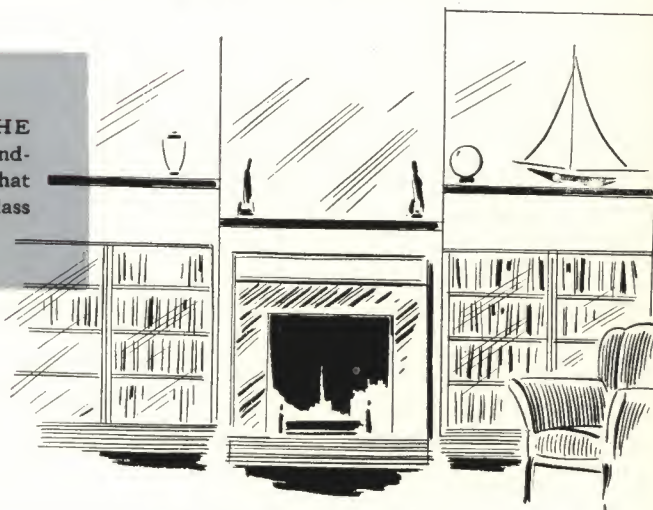


**BRING LIGHT THROUGH** panels of decorative glass to highlight favorite bric-a-brac.



**TWO ROOMS FROM ONE** is almost as easily done as said, when the partition is of patterned glass panels between the living and dining areas.

**CAPITALIZE ON THE COLOR** of your book bindings . . . and preserve that color by putting clear glass doors on your book cases.



**FEATURE YOUR KNICKKNACKS** on clear, sparkling glass shelves. Sliding glass doors will reduce the number of dustings.





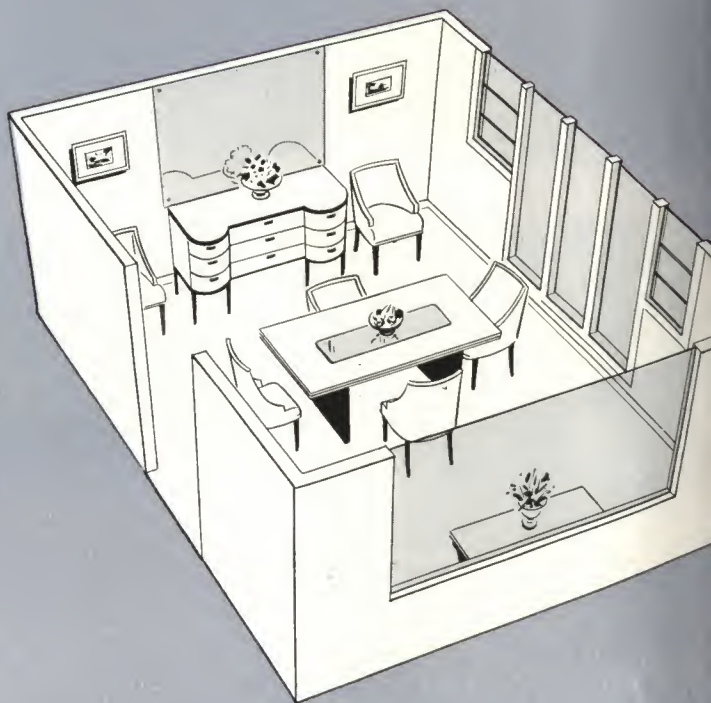
## GLASS DECORATES THE

# Dining room

● Here's a room that fairly begs for light and cheer . . . and there's no better way to get them than with glass. Light and cheer go hand in hand with relaxation, an important element in any enjoyable meal.

● What can glass do for your dining room? Give it a feeling of extra spaciousness with mirrors. Bring in the beauty of the outdoors, through Picture Windows. Flood the room with a soft, flattering light—from fluorescent lamps concealed behind attractive, patterned translucent glass.

Glass is so decorative! Under candlelight, it sparkles, catches the high lights, casts twinkling reflections. So, as you plan your dining room, remember to take advantage of the brilliance of glass—to eliminate dark corners and enliven every part of the room. There's almost no end to the ways glass can add charm to your dining room. Perhaps the examples shown here will suggest many ideas that fit into your plans.



**CHANGES OF SCENE** come naturally with changes of weather and season, through a huge Picture Window like this. Glazed with Thermopane, it provides insulation that saves heat and adds comfort. The casements open for ventilation.





**EXCITINGLY BEAUTIFUL . . .**  
tall door, with figured glass panels.



**SPARE YOUR ENERGY** with a stationary dumb-waiter. Close the mirrored doors, and presto! You'd never suspect there's a kitchen behind. Note the attractive patterned glass windows . . . wonderful light catchers, and ideal where the view's not too good.



**FEWER DUST-INGS** are necessary when china cupboards are enclosed with attractive glass doors.



GA 4121

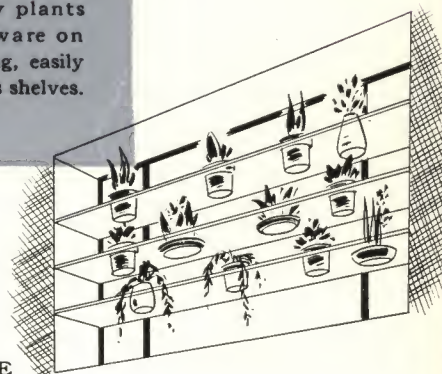
**DOUBLE DUTY . . .** a gleaming glass partition gives extra charm and brightness to both the dining room and the living room or kitchen on the other side.



**DRESS UP YOUR WINDOWS** with gay, pretty plants and glassware on good-looking, easily cleaned glass shelves.



**EXTRA SPARKLE** for your knickknack display when shelves are clear plate glass.



**DOUBLE LOVELINESS** in this centerpiece . . . a silvery mirror to reflect the beauty of flowers or baubles. Carry through the sparkling theme and spare the laundry bag with mirror plaques for individual settings.

**HINT OF GRACIOUS LIVING . . .** in the smooth-swept lines and true reflections of this sparkling buffet mirror, made with L-O-F Plate Glass.

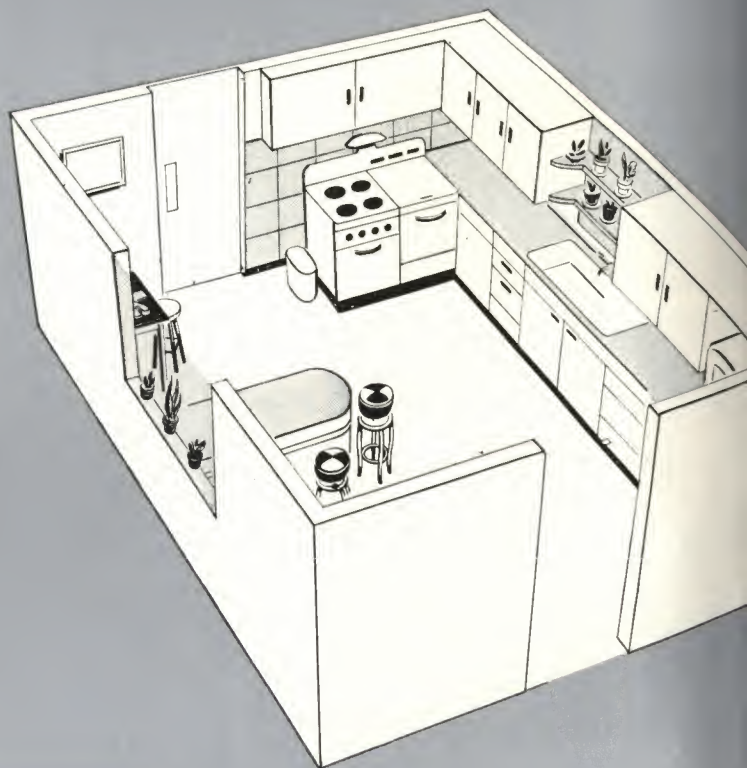




# GLASS BRIGHTENS THE Kitchen... LIGHTENS THE WORK

● Glass is modern . . . not only in its decorative possibilities, but as a work saver as well. It gives luster and color to your kitchen . . . *permanent* luster and color, for glass won't fade or tarnish. And it comes clean with the whisk of a cloth.

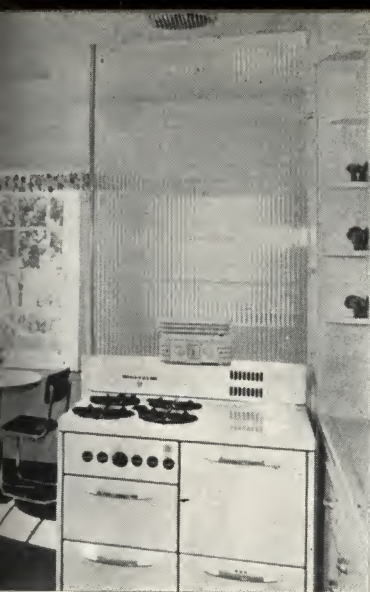
● You'll spend most of your day in the kitchen. Make yours cheerful, light, easy to work in, by opening the walls with glass. Bring in the sunlight and an exciting view of the outdoors. For wainscoting and work surfaces, use Vitrolite, the attractive, colorful structural glass. It gives a sanitary spic-and-span look to your kitchen, and reduces cleaning chores. Glass adds safety in the kitchen because it's noninflammable.



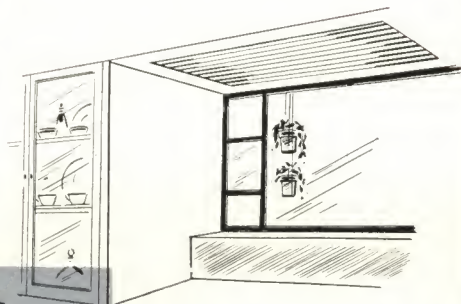
THIS LIGHT, CHEERY KITCHEN uses glass in beautiful and practical ways. The large, clear Picture Window allows enjoyment of the outdoor view. For heat saving and comfort, it's glazed with Thermopane. Work surfaces are flooded with daylight through decorative translucent panels of figured glass. If preferred, these panels could be clear glass, to permit a view of the garden and the flower boxes outside.

The fluted, sliding glass doors eliminate groping for the right jar, and add a decorative note. Shelves, too, are glass—which spares the fuss of endless shelf-paper changing.





**TRANSFORM** a corner of your kitchen into a dinette with a tall screen of patterned glass. Grease spots from cooking are no problem on glass.



**EASY ON THE EYES . . .** soft, diffused light from a recessed fixture faced with a patterned glass. Over the sink, it eliminates working in your own shadow.



**HERE'S WINDOW MAGIC**—the brightness and attractiveness of the windows in this kitchen are, in effect, "doubled" with this mirror.

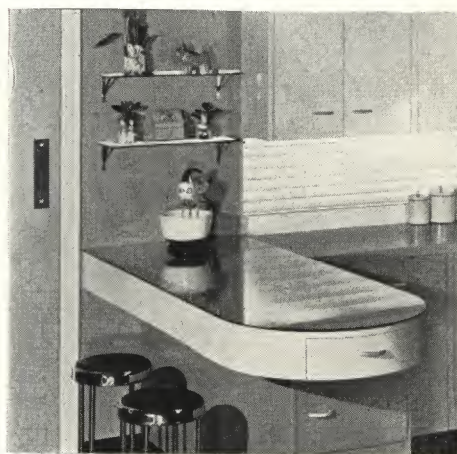
**PRETTY AND PRACTICAL . . .** Vitrolite wainscoting. Its glistening, colorful finish will not fade or wear off. A swish of the cloth wipes it spotless.



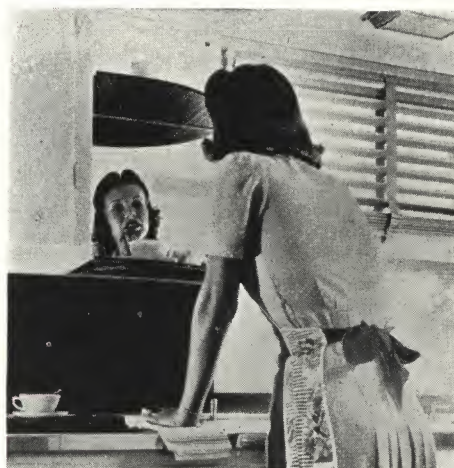
**THERMOPANE** stays clear, while flanking single-glazed windows steam up in cold weather. Architect: Herman O. Langenhan, Cleveland, O.



**EASY-TO-CLEAN SURFACE** for your breakfast bar . . . Vitrolite, in a variety of gay, permanent colors.



**A "PRIMING MIRROR"** for a quick dab of lipstick will pep up your morale.



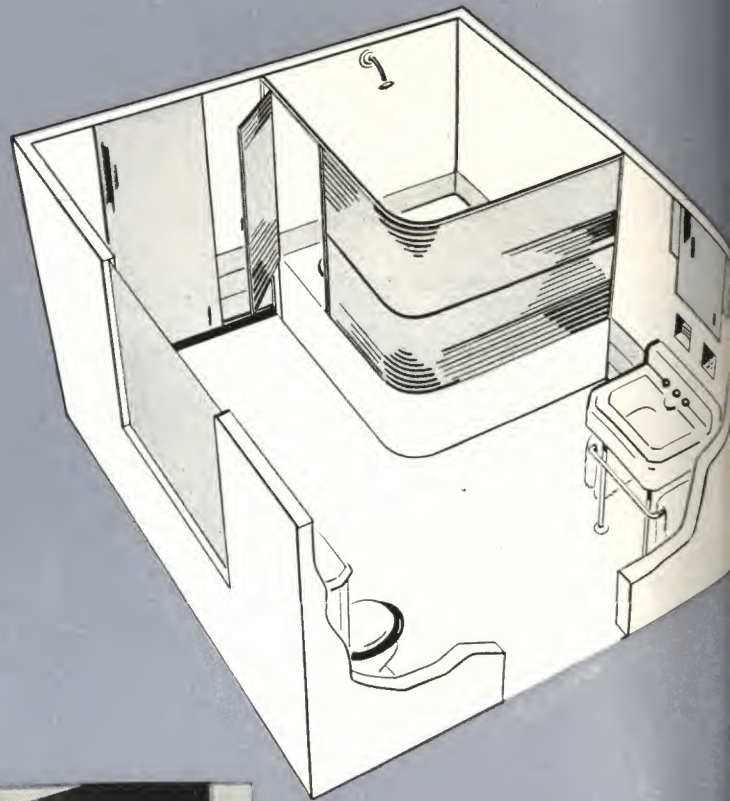


# PUT SPARKLE IN THE Bathroom . . . WITH GLASS

● You'll want your bathroom not only easy to clean, but clean-looking as well. You'll want it colorful, with a touch of smartness. These are desires you easily can realize by taking advantage of the versatility of modern glass.

● There's a lot of satisfaction in having a cheerful looking bathroom. It's a room that guests always notice—a room which marks your home as up to date or old-fashioned. So, give it sparkle—give it beauty—with glass.

Glass doesn't mind water, spilled lotions or powder. It's a thoroughly practical material for surfaces in the bathroom—walls, shelves, shower stall. And, of course, you'll want an arrangement of mirrors—not only for convenience, but also to "enlarge" what usually is the smallest room in the house.



A ROOM TO BE PROUD OF . . . this striking bathroom, with walls of blue and white Vitrolite structural glass. Its lustrous finish always wipes clean, always looks new. The decorative figure is sand-blasted on the Vitrolite wall behind the tub.

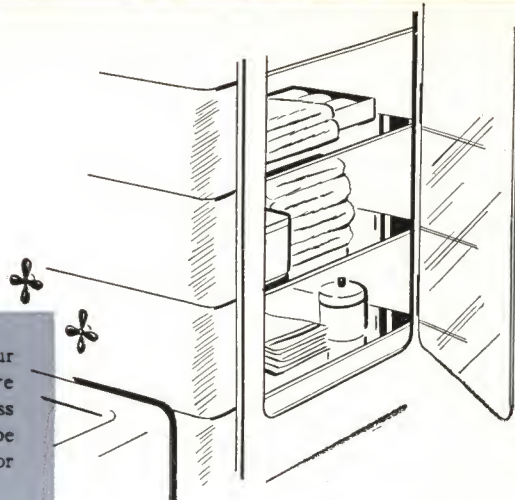
The shower stall door is clear glass. Toiletries are arrayed on plate glass shelves, backed by a lovely panel of patterned glass. The large mirror over the washstand aids dressing and shaving, accentuates the beauty of the entire room.





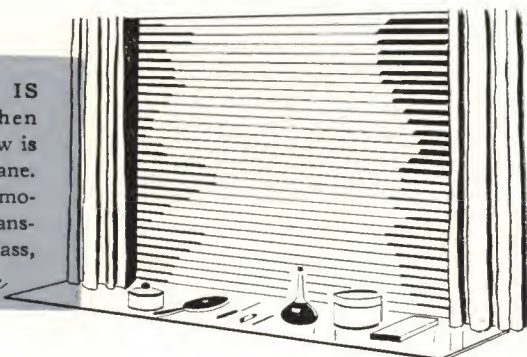
**CHARM AND PRACTICALITY** join hands in this combination tub and shower. The enclosure provides protection from drafts and keeps water from splashing into the room. Note the full-length mirror . . . a convenience in any bathroom.

**ADD THE COLOR** of your towels to your decorative scheme. Behind clear glass doors, they'll always be handy. Use clear glass for shelves, too.



**GLASS BRIGHTENS A ROOM . . .** gives it extra appeal. This delightful bathroom is flooded with light through panels of Doublex patterned glass. (Photo courtesy of Armstrong Cork Co.)

**CONDENSATION IS NO PROBLEM** when your bathroom window is glazed with Thermopane. For privacy use Thermopane made with translucent Blue Ridge Glass, described on page 28.



**EASE YOUR GUESTS** with a chic powder room. Provide a plate glass mirror over the washbowl—another for the dressing table.



**A HANDY PLACE** for shaving things, cosmetics and toiletries . . . this glass shelf over the washstand.

**CLEVER THREE-WAY MIRROR . . .** it's a practical help in shaving and make-up.



**VITROLITE** glass walls and counter top in this bathroom come sparkling clean with a whisk of a damp cloth. Large wall mirror doubles the beauty.





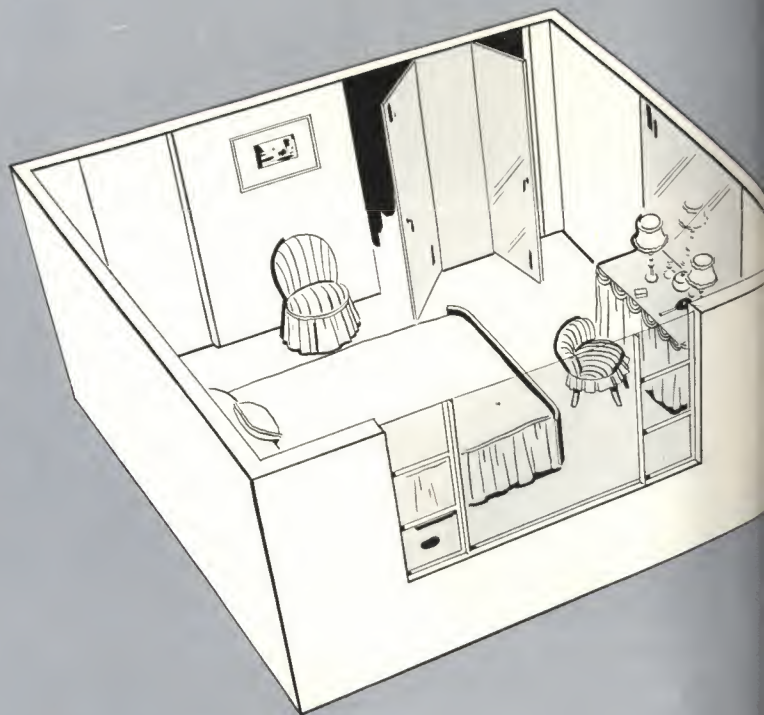
## GLASS DRESSES UP THE

# Bedroom

● Here's a room that calls for the last word in beauty and loveliness . . . and it's a room in which you can use glass effectively in both practical and striking ways.

● You'll probably have windows on two, maybe three, walls of your bedroom. How to brighten up the other walls? Use mirrors. They'll catch the light and color of the outdoors, reflect them into the room. Partitions of Satinol decorative glass offer another novel means of brightening inside walls.

Glass is a versatile decorative material. It has a lustrous, beautiful finish that never loses its charm, never needs renewing. Among the ideas shown on these pages may be just the suggestions you need to "dress up" the bedroom you are planning.



**PREVENT DULL WALLS** by creating interesting, colorful areas with mirrors. Here a large mirror between the windows reflects the beauty of the entire room. And, in effect, it "doubles" the spaciousness.





A PICTURE WINDOW brings in outdoor beauty. This lovely window is Thermopane, which cuts heat loss, reduces condensation, adds comfort. The casements swing out for ventilation.



A CLOTHES CLOSET WINDOW will shorten your search for the right dress. Remember, moths don't like a lighted closet. Another tip, a clear glass shelf lets you see what's on it from below.



A GLASS WIND DEFLECTOR will prevent direct drafts from an open window. Made of glass, it won't keep out daylight.



**DOES IT MATCH?** Your daughter will welcome a good mirror, handy for trying on the latest fad.

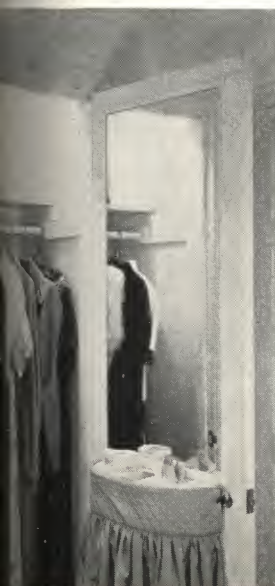


**SMART IDEA**—if shortage of wall space makes a large vanity impractical, attach a shelf and mirror inside the closet door.

**TEACHING PROPER GROOMING** is easier when children have their own mirrors. Make them proud of their appearance—and their rooms—with mirrors.



**HOW DO YOU LOOK** before the guests arrive? Find out—with a three-way full-length mirror that gives you an all-over view.



**GLASS SCREENS** ward off drafts, yet they do let light come through. For privacy, use one of the types of glass shown on page 28.



**SMART DECORATION** is doubled in mirrored wall . . . made with L-O-F Polished Plate Glass for truer reflections. Plate glass vanity top adds sparkle that's practical . . . cosmetics don't harm glass.





# Thermopane

Reg. U. S.

Pat. Off.

## L·O·F INSULATING WINDOW PANE . . .

● Climaxing over fourteen years of research, L·O·F *Thermopane* is the first successful windowpane ever made with built-in insulation.

*Thermopane* is made of two or more panes of glass, separated by an insulating layer of dehydrated air, and sealed around the edges at the factory with a patented metal-to-glass bond — the *Bondermetic Seal*. This seal has successfully withstood a shearing force of over 1,000 pounds per

square inch—proof of its amazing strength.

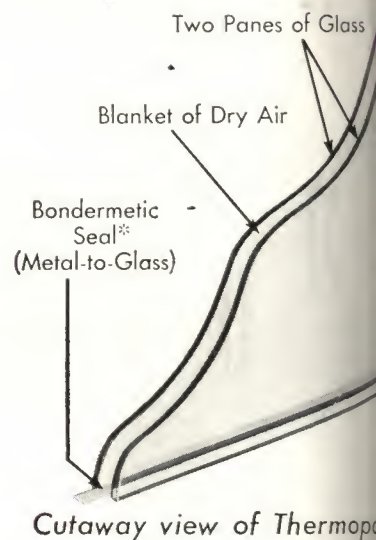
Until the advent of *Thermopane*, large window areas were generally conceded to be impractical in temperate and cold climates because of excessive heat losses. Because of its double-glass construction, *Thermopane* keeps homes warmer in winter and cooler in summer. In addition to reducing heating costs and providing savings in air conditioning, *Thermopane* deadens the transmission of outside noises.



Rooms look larger . . . seem to stretch out to include the outdoors, through Picture Windows. Glazed with *Thermopane*, large windows assure greater comfort. This insulating unit cuts heat loss and reduces downdrafts at windows . . . saves fuel in winter. In summer, *Thermopane* helps keep rooms cooler.

## 12 Points TO REMEMBER ABOUT *Thermopane*

1. Reduces heat loss through glass—saves fuel.
2. Reduces downdrafts at windows.
3. Is a metal-to-glass welded insulating unit.
4. Provides the benefits of storm sash without the bother.
5. Offers year-round double-glass protection.
6. Is suitable for all window openings.
7. Increases efficiency of air-conditioning equipment.
8. Reduces possibility of condensation.
9. Enables maintenance of uniform temperatures.
10. Reduces transmission of noise.
11. Provides day-by-day health and comfort benefits.
12. Is installed in a sash similarly to a single pane.



Cutaway view of *Thermopane*



MAKES PRACTICAL

# Larger Windows

WITHOUT EXCESSIVE HEAT LOSSES

*Right:* Enjoy beauty that changes each season . . . through Picture Windows glazed with Thermopane to assure greater comfort all year in all climates.

*Below:* In this Michigan home, winter beauty comes indoors through expanse of insulating Thermopane. Architect: Irving E. Palmquist, Detroit.



## SPECIAL GLASSES IN THERMOPANE

● Thermopane may be fabricated with a special purpose glass on the outside. Heat Absorbing Glass keeps rooms cooler in summer; Golden Plate Glass protects against sun fading; colored Plate Glass gives unusual effects. And, where it is desirable to obscure views, Thermopane may be fabricated with Blue Ridge Patterned Glass.

## THERMOPANE...FOR EVERY WINDOW IN YOUR HOME

● All the windows in your home can be self-insulating . . . with Thermopane. It's made in a wide range of standard sizes to fit casements, double-hung and fixed Picture Windows. You can use Thermopane in all the window styles shown on Page 2 of this book, as well as in doors, side-lights and transoms.

Thermopane provides double-glazing in the most practical and convenient form. It stays in all

year. Your windows open and close just like single-glazed ones. You need no storm sash.

### *Ready-made Sash for Thermopane*

Standard windows suitable for Thermopane are being made by manufacturers of wood and metal sash. They are available from lumber and building supply dealers. Sash for Thermopane can be installed in your home as easily as ordinary windows . . . offer no problems to your builder.



# L·O·F

## POLISHED PLATE GLASS

● For fine Picture Windows and mirrors there is no substitute for Polished Plate Glass. This glass is ground and polished with the objective of making both sides flat and parallel, thus providing clear vision with a minimum of distortion. Picture Windows provide clear visibility when made of Polished Plate Glass. The extreme flatness of this glass is even more important in fine mirrors, for surface irregularities and distortion of regular glass are absent. This flatness and freedom from distortion are two of the reasons why Polished Plate Glass is invariably selected for display windows in stores and shops.



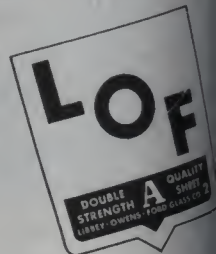
## L·O·F TUF-FLEX GLASS

● Tuf-flex is plate glass that has been treated by a special tempering process to give it greater resistance to physical and thermal shock. Tuf-flex is widely used in stores as doors and stair rails. Its greater strength may also be of interest to home owners, for it adds safety wherever glass might be banged or exposed to intensive heat

## L·O·F HIGH-QUALITY WINDOW GLASS



● Libbey-Owens-Ford Window Glass is exceptionally clear, and has a natural fire-finished surface in which distortion is held to a minimum. It is made by an exclusive Flat Drawn Process which produces a clear, bright glass of unusual flatness. Due to the longer annealing process employed, L·O·F High-Quality Glass is less brittle, and can be cut much easier with less breakage. For windows, doors, storm sash, and in cabinet fronts and shelving, it has proved its merit. The well-known L·O·F Window Glass label is your guarantee of the best in window glass.





FOR COLORFUL, SANITARY  
RE-PROOF, EASY-TO-CLEAN WALLS

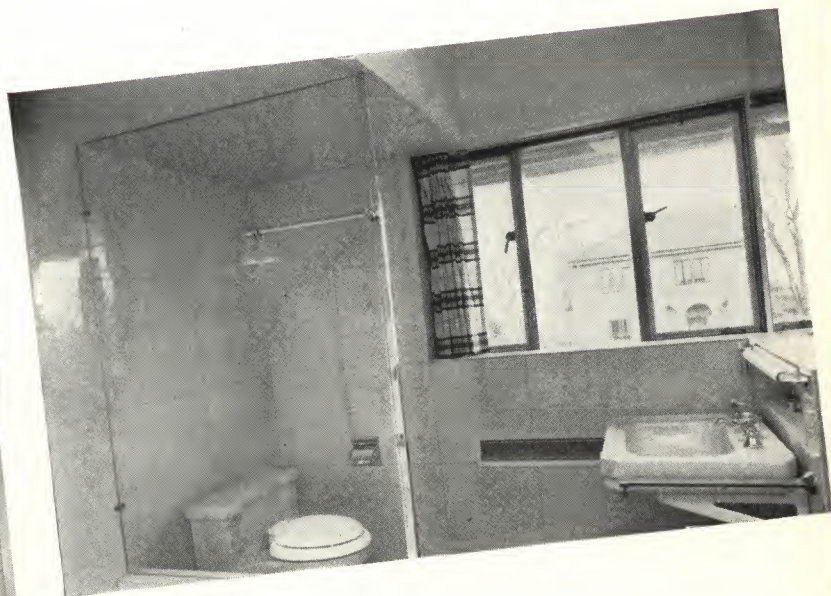
# Vitrolite

Reg. U. S. Pat. Off.

● No other interior-finish material is more suitable to the private home—particularly in bathroom and kitchen—than Vitrolite structural glass. Its highly polished surface is “smooth as glass” for it *is* glass! Vitrolite, while opaque, is available in a variety of

colors that lend themselves to any decorative scheme. It is unaffected by ordinary household acids and alkalis . . . resists scratching and marking, and is easily and quickly cleaned with the whisk of a damp cloth. Vitrolite never needs resurfacing.

Vitrolite is ideal for walls in bathrooms because it cleans so easily. Because of its nonporous surface, it provides no hiding place for germs . . . and is resistant to water and other liquids.

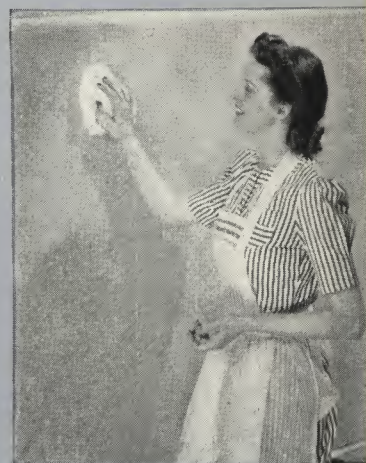


Smooth, sparkling and colorful, Vitrolite kitchen walls are easily cleaned . . . unaffected by moisture and odors. The smart appearance of these walls is a source of pride to any housewife.

## QUICKLY CLEANED WITH A DAMP CLOTH

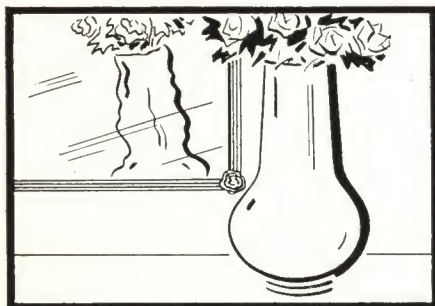
● The hard, smooth surface of Vitrolite makes it exceptionally easy to clean and keep clean. All that's needed is a quick once-over with a damp cloth or, if badly soil-

ed, washing with mild soap and water. Because of the many colors available, practically any color scheme can be worked out for kitchens and bathrooms.

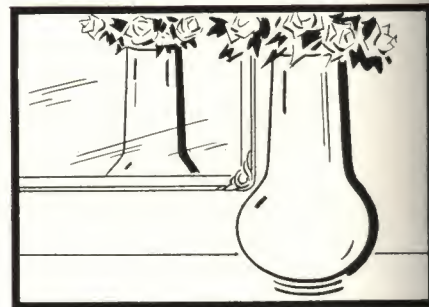




# THE BEST MIRRORS ARE MADE WITH L·O·F POLISHED PLATE GLASS



You can quickly check the quality of a mirror by noting the correctness of its reflections. At the left, inferior glass reflects irregular lines—causes distortion. At the right, a good mirror made with Polished Plate Glass has true reflections.



● The finer mirrors are always made of Polished Plate Glass because this kind of glass gives clearer, truer reflections and greater brilliance. At the left, an unframed mirror of L·O·F Polished Plate Glass makes a narrow dining room look wider and adds never-fading sparkle. Libbey-Owens-Ford high-quality Polished Plate Glass is used by many of the country's finer mirror manufacturers. Some homeowners and many specialty shops and department store owners prefer colored mirrors. Libbey-Owens-Ford makes Polished Plate Glass in a variety of colors. If you desire mirrors of colored plate glass, your local L·O·F Distributor, your architect or interior decorator will make color recommendations.

THIS LABEL IS YOUR GUARANTEE OF TOP-QUALITY MIRRORS

● To protect the buyers of mirrors, Libbey-Owens-Ford has developed this Mirror Label. By agreement with mirror manufacturers using L·O·F Polished Plate Glass, this red, white and blue identification label appears on all such mirrors made with our glass. It is a symbol of protection. Whenever you buy a mirror, be sure that it bears this shield of quality, featured by better department and furniture stores everywhere.



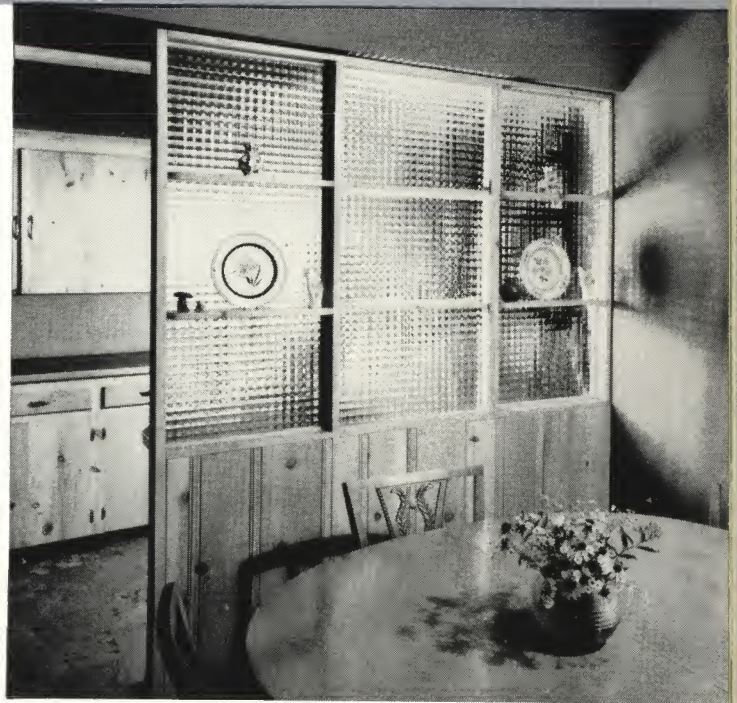


# Decorative Glass

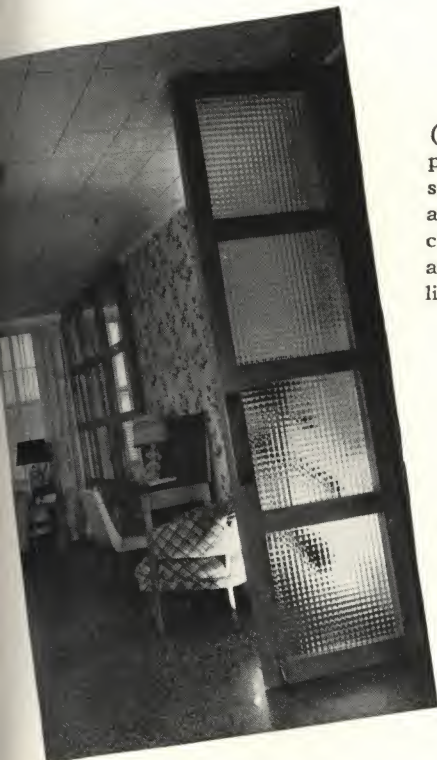
TO MAKE YOUR HOUSE  
BRIGHTER AND MORE

# Livable

● Lighter, brighter and more sparkling interiors are easily possible in homes of any price range through the use of Blue Ridge decorative glasses. These translucent glasses add character and quality to otherwise plain interiors. Whether used as screens to glaze windows against an undesirable view, or to transmit light to otherwise-dark areas while adding a decorative touch, Blue Ridge figured glasses are entirely in keeping with an architect's or decorator's concept of beauty and utility.



Smartly patterned Blue Ridge Glass not only adds a touch of beauty but transmits light to this room.



(Left) Another use for patterned glass—as a screen to separate one area from another. Here, clear Doublex is used, adding sparkle and brilliance to rooms.

(Right) Lighting experts have stressed the value of better illumination in the kitchen. Here's a trick to put light *on the work surfaces* where it's needed, by glazing with Doublex figured glass with Satinol finish.





## SEE YOUR ARCHITECT FOR BUILDING SATISFACTION



● There is no surer way for a homeowner to assure satisfaction for himself and his family than to employ a reliable architect.

Architectural services represent a guarantee to the homeowner of serviceable design, good workmanship and quality materials. An accredited architect is a specialist in his chosen field . . . knows building materials . . . recognizes quality and design

. . . and is familiar with local building practices. In home construction he is responsible to the home investor.

Libbey-Owens-Ford does not design homes or buildings, but we recommend that, before you build, you obtain the services of a competent architect to protect your investment and assure you top quality in materials and construction.

## SEE YOUR L·O·F DISTRIBUTOR FOR THE RIGHT KIND OF **Glass** FOR YOUR HOME

● Just as you depend on your hardware dealer as a source of supply for hardware items, so can you depend on your local Libbey-Owens-Ford Distributor for all kinds of flat glass items. He is acquainted with your architect . . . and your architect is acquainted with an L·O·F Distributor's product services. He will be glad to offer

suggestions . . . will show you samples of the specialty glasses which daily are becoming more important to good home construction. Regardless of the type of home you expect to build, feel free to consult your Libbey-Owens-Ford Distributor for any information or help you may need in selecting the right kind of glass.



LIBBEY · OWENS · FORD  
GLASS COMPANY

Nicholas Building

Toledo 3, Ohio





e your family before  
 dream-enticing" Floor-  
 ing fireplace of Mosaic  
 The soft colors add  
 h and cheer—a toast to  
 decorative tastes! And  
 or is a miracle of care-  
 iving—long-wearing,  
 ooking, easy-to-care-for  
 Granitex® Tile.

ace wall Mosaic Faience  
 pattern No. 6056.  
 — Granitex Mosaic —  
 No. 1779-A3.

**SAVE** housekeeping cost and effort

**HAVE** lasting beauty, warmth and color

**USE** walls and floors of **MOSAIC**® Tile





Thanks to Mosaic Tile, this kitchen is the *most talked about* room in this house... so efficient and far easier to keep clean, too! Combination serving bar and cooking peninsula, work counter, splashboard and walls are all surfaced in this time- and grime-defying material.

Peninsula—  
6" x 6" Mosaic Faience—color No. 2102.



The Mosaic Tile Company offers you an unlimited choice of modern colors in satin-matt and bright glaze finishes, plus soft, earthy colors in its Granitex and Quarry Tile lines. For centuries, tile has performed yeoman service. Beauty, economy and unequaled durability are tile's most noted features.

The uses pictured here illustrate but a few of the many ways in which Mosaic Tile can give your home rich charm, dignity and long life that protect home values so much better than ordinary wall and floor materials. Remember—the Mosaic Tile you install today will still look new years and years from now!

## Camera studies

of how other owners keep their homes  
*beautiful - cheerful*  
with the help of easy-to-take-care-of



Mosaic Carlyle Quarry Tile entryway greets guests with a cheery "hello!" Rain, sun, ice and snow *never* bother its flint-like surface. And there's *never* any refinishing problem with this Quarry Tile floor.

Floor 6" x 6" Carlyle Quarry;  
Navajo Red.



This "ah-inspiring" bathroom can be yours! And at a cost that's surprisingly low. Maintenance? Just wipe with a damp cloth. The colors never fade.

Wall tile color 222; trim color 282;  
6" x 1/2" Decorated Strip, pattern 88-210; Floor tile 1739-Z.



Decorated Mosaic Tile fireplace is the center of interest in this room. Mosaic makes a wide border of fireplace tiles for every architectural style.

6" x 6" decorated tile, Granitex series; sepia.





An "indoor greenhouse" . . . a neat trick and easy to have in any room. Install any type of Mosaic Tile along the floor beneath your windows. Spill water? Just wipe it up! Your "greenhouse" is stain and moisture-proof.

*Mosaic Faience—color No. 2164.*

In this outdoor living room, the rich, earthy red of the Mosaic Granitex Tile floor blends perfectly with its garden setting. Abrasive traffic from the garden across this floor will *never* mar its surface or texture. Neither sun nor weather will change its permanent color. Hose this floor daily, if you wish, for Mosaic Tile is impervious to moisture and stains.

*Floor—Granitex Mosaic, pattern No. 1779-A3*



# MOSAIC TILE!



**Call at any of these  
Mosaic Showrooms to  
see the complete line  
of Mosaic Tile!**

Atlanta, Georgia  
780 Ponce de Leon Place

Boston, Massachusetts  
384 Main Street  
Waltham 54, Massachusetts

Chicago 51, Illinois  
3712 LeMoine Street

Detroit 34, Michigan  
20230 Sherwood

Hollywood 38, California  
829 North Highland Avenue

Little Rock, Arkansas  
1709 East 9th Street

Miami, Florida  
7250 N. E. 4th Court

New York 17, N. Y.\*  
101 Park Avenue

Philadelphia, Pennsylvania  
6229 West Girard Avenue

Portland 14, Oregon  
43 S. E. Salmon Street

Salt Lake City 8, Utah  
560 Gale St.

San Francisco 24, California  
245 Loomis Street

Seattle 4, Washington  
538 First Ave. So.

Washington, D. C.  
P. O. Box 32  
Fairfax, Virginia

\*Offices and showroom only

your bathroom gay, inviting  
with light-reflecting  
Mosaic Tile. You never  
redecorate when your bath-  
rooms and floor are finished in  
tile.

color 142; Decorated Strip,  
8-211. Floor unglazed cer-  
amics 2183-Q.



This fresh-looking bathroom makes freshening-up a pleasure! It's *care-free*, too! The vanity top of Ceramic Mosaic Tile will never crack, stain or wear. Just wipe with a damp cloth. The colors never fade.

*Vanity top color—No. 201 Velvetex. Wall tile color—No. 161.*



For waterproof, practical, fade proof window sills and shelves, use weather-resistant Mosaic Granitex Tile. Rain cannot harm, stain or warp. There's never any decoration costs.

*Shelf is Granitex Mosaic, color No. 1228.*

**THE MOSAIC TILE COMPANY**

(Member—Tile Council of America)

**MOSAIC**®

SHOWROOMS, OFFICES AND WAREHOUSES ACROSS THE NATION—OVER 4000 TILE CONTRACTORS TO SERVE YOU



# MOSAIC® TILE

for  
better  
and  
easier  
living



What is more satisfactory than a tile bathroom? Why be satisfied with temporary substitutes when you can have the very finest, Mosaic Tile, for only a little more? Just look at this beautiful bathroom in gray Ceramic Mosaic Tile on floor and walls!

Wall, ceramic Mosaics pattern 2259-A; Color 30 DK  
Floor, ceramic Mosaics pattern 1778-A1; Color 30 DK



Cleaning reduced, beauty produced—describes this Early American breakfast room where Mosaic Tile provides a miracle in floor beauty and utility over many years of service.

Floor unglazed ceramic Mosaics,  
pattern No. 1739-Y.



The earthy tones of this Mosaic Cherokee Tile floor provides this Florida home owner with a lifetime of carefree living room beauty.

Floor Carlyle Cherokee Tile No. 300-2000.

Mosaic Tile transformed this bathroom from "dreary" to "cheery" almost overnight. At great big savings in money, too—for Mosaic Tile gives lifetime service without costing a single penny for repairs.

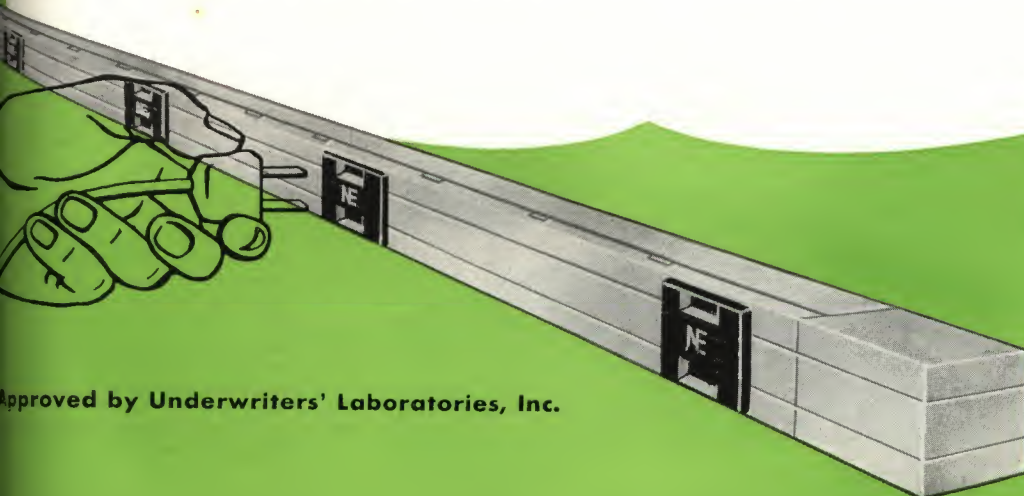
Wall tile color 281; Dado color 282. Floor glazed ceramic Mosaics  $1\frac{1}{8}$  squares; colors light and dark.







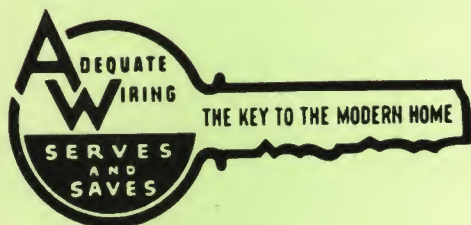
**NOW**  
**IS THE TIME**  
**TO BE SURE YOU GET**  
***Complete* ELECTRICAL CONVENIENCE**





# Enjoy the Plus Features of "Plug-in" Strip

—and your electrical appliances and equipment will be more efficient



## "Plug-in" Strip assures convenient electrical living.

"Plug-in" Strip provides an electrical outlet for every need in modern living, plus freedom to "plug-in" new equipment you may buy in years to come—wherever you want to use it!

When you are in the planning stage, it is almost impossible to decide just where furniture, and lamps, and radio, and clocks will all be placed. Maybe the beds will look better against that other wall. That would mean the dressing table and its lamps must be moved.

Will there be an electrical outlet handy in that other spot?

Surely you do not want to chain your furnishings to limited placement in the new house. With "Plug-in" Strip, there'll never be chains of that type on your electrical living.

Be sure you have full comfort and convenience of electrical living—an outlet where you want it, and when you want it—have your architect specify and electrical contractor install "Plug-in" Strip.

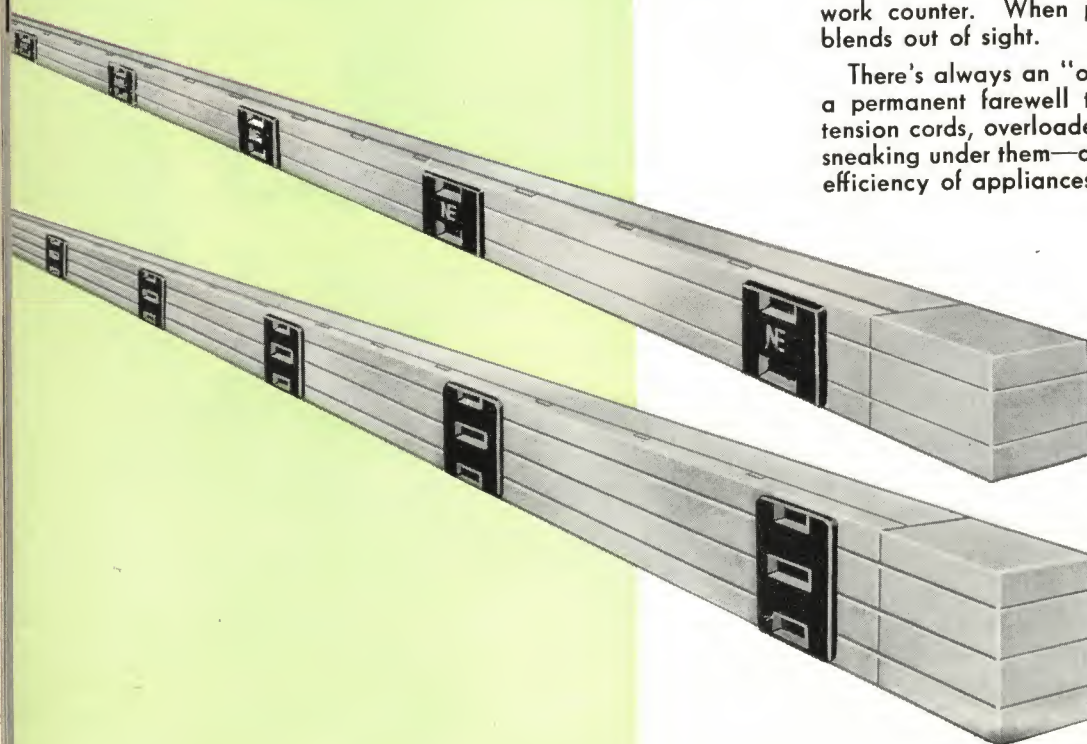
"Plug-in" Strip is a steel wiring channel installed by your electrical contractor. There's an inconspicuous outlet at either 6 in. or 18 in. intervals along the face of the strip.

"Plug-in" Strip mounts as a flush trim on the baseboard, or as part of the chair-rail molding, or just above the kitchen work counter. When painted to match wall or molding it blends out of sight.

There's always an "open" outlet with "Plug-in" Strip—and a permanent farewell to unsightly dangerous, drooping extension cords, overloaded outlets and lumpy rugs due to wires sneaking under them—all of which tends to decrease operating efficiency of appliances and equipment.\*

Type CF-2 with constant service receptacles every 6" or 18" for all room areas or kitchen or work bench locations.

Type CF-3—Switch-controlled. Here is a complete electrical, streamlined, baseboard with receptacles every 18". The outstanding feature of CF-3 Type is that every receptacle offers two services . . . Automatic-doorway switch - controlled for general lighting, or constant service for radios, clock and other lamps or appliances, that you wish individually controlled.





# Electrical Convenience *Plus...* In Any Room of Your Home!



## In Your Living room-

In the living room—the heart of your home—"Plug-in" Strip is a real necessity. Your lamps turn on and off from a touch of the wall switch, but radio, television or clock only go "off" when you turn them off at the appliance. Best of all, you can group furniture and lamps for any and every combination you might desire—there'll always be an electrical outlet close at hand.

## In Your Kitchen-



"Plug-in" Strip above the kitchen counter provides real convenience and saves steps too, since there'll always be an individual outlet ready to "plug-in" the mixer, coffeemaker, toaster, griddle, or radio. Eliminates the clusters of long appliance cords on your work areas.

## In Your Bedroom

There will be a lot of ELECTRICAL living in your bedrooms with "Plug-in" Strip you can safely and quickly "plug-in" the bed lamps, upstairs radio, alarm clock, dressing table lamps, sun lamp, and the electric sheet or blanket—no more trailing extension cords! A s-p-r-e-a-d of convenience outlets is a "must" in bedrooms.





National Electric

# When you build Place First Things FIRST!



THE WIRING SYSTEM IS TRULY THE HEART OF THE HOME

Insist on these  
Three REQUIREMENTS



- ① At Least a 60 Ampere Service Entrance.
- ② Plenty of Circuit Feeders (*Don't Skimp Here*).
- ③ "Plug-in" Strip for Lifetime Convenience of places to plug-in.

**Initially "Plug-in" Strip Will Cost No More Than  
a Respectable Number of Ordinary Duplex Outlets**

Over the years  
"PLUG-IN" STRIP will



- ① Cost Less.
- ② Assure Convenient Electric Living.
- ③ Eliminate Dangerous and Unsightly Extension Cords.

"WHAT WAS THAT ARCHITECT'S NAME ??G!"



**National Electric Products Corp.**  
Pittsburgh 37, Pa.







*Luxaire*<sup>®</sup>

*for*

LUXURIOUS HOME HEATING



## GETTING THE MOST FROM YOUR HEATING DOLLARS WITH *Luxaire* HEATING EQUIPMENT

No part of the home equipment contributes so much to the health, comfort and enjoyment of your family as the heating system.

Whether you want Gas, Oil or Coal—Gravity, Forced Air or one of the new Panel or Perimeter heating installations—remember that complete heating satisfaction depends on the care with which you select your heating equipment—so don't compromise with quality in your choice.

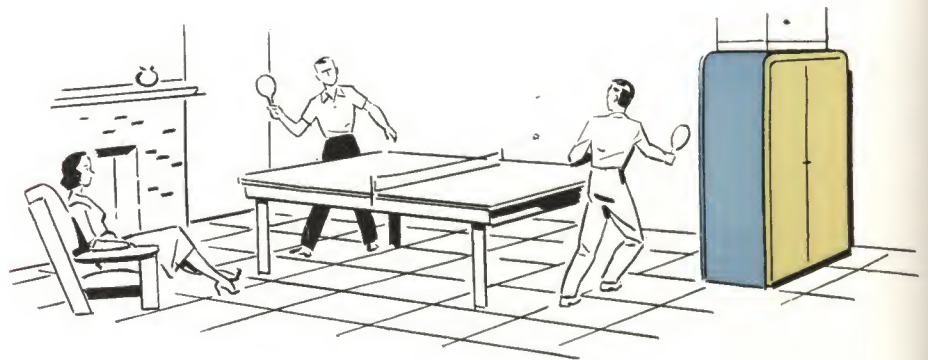
Luxaire heating equipment is designed to bring you the utmost in comfort, convenience and pleasant living.

Luxaire heating equipment is completely modern in design and construction.

Luxaire heating equipment is economical to own and to operate.

These are the reasons why Luxaire heating equipment is taking "top-billing" with home owners and heating contractors. These are the reasons why you should install a Luxaire in your home for lasting satisfaction.

So—before you complete your plans, read about the Luxaire units on the following pages. Then—check with your heating contractor. With the help of this book, you and he can collaborate in the selection of the proper heating equipment for your home. Or, mail us the coupon on the back cover.



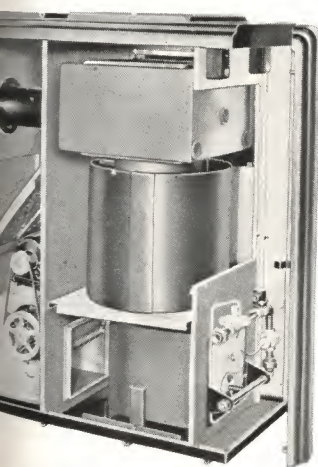


# Luxaire

## GAS FIRED AIR CONDITIONING UNIT

Enjoy the convenience of automatic, ideal heating by simply setting your room thermostat to your "comfort-zone." Then let this Luxaire Gas Fired Air Conditioning Unit "take-over" for the rest of the winter.

This beautiful piece of equipment is a Luxaire creation of a modern heating plant—and the beauty is not merely "skin deep." Just take a look inside the cabinet walls. See the long-lived, efficient, heat-producing elements—you have your choice of either steel or cast iron. Also notice the large air handling equipment that silently sends a gentle flow of soft, warmed, humidified air into your home. Note particularly the filters which eliminate dirt and dust from the circulating air.



Interior view of unit with steel heating element.

Luxaire Gas Fired units are equipped with Luxaire's silently operating multi-port, ribbon-type gas burners for burning natural, manufactured, liquified petroleum, and all types of mixed gases. Everything is enclosed inside the easy-to-keep-clean baked enamel cabinet. Luxaire units with a B.T.U. input range of 70,000 to 250,000 are built in sizes for practically any heating installation. They bear the American Gas Association's seal of approval.

## Luxaire Gas Fired Utility Air Conditioning Unit

Now—if you're planning a basementless home, you can have all the benefits and satisfaction of automatic, economical gas-fired heating with this superbly designed, attractive, Luxaire Utility air conditioning unit.

This smart looking unit can be placed in a utility room, or in an alcove or a closet.

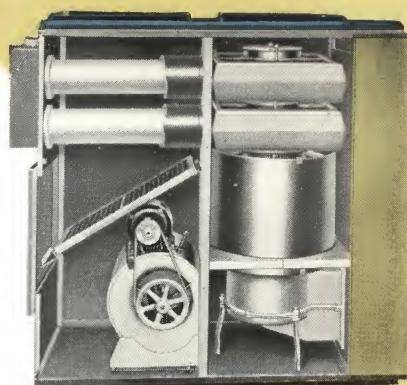
Where space is valuable and limited in your new basementless home, no better choice can be made than the Luxaire space saving Utility Air Conditioning Unit.

Luxaire utility units have all the quality-construction and automatic operating features of the basement air conditioning unit described above. And for convenience in installation, the return air may enter either side or the bottom of the unit.

Luxaire utility air conditioning units are built with steel heating elements and have a range of sizes from 65,000 to 125,000 B.T.U. input and are approved by the American Gas Association.



Front view of Utility Air Conditioning Unit with filters installed at side of the cabinet.



Interior view of unit with Cast Iron heating element.



The attractive Air Conditioning Unit enhances any heating installation.



Interior view of unit with steel heating element. Shows controls and air handling equipment.





## Luxaire Gas Fired Gravity Furnace

Automatic, economical Gas-Fired heating for the small home, so inexpensive, so satisfactory, is "all yours" when you install a Luxaire\_Gas-Fired Gravity Furnace.

You'll be amazed at the low installation cost and unbelievably low operating cost. You'll be surprised at the cleanliness of gas heat—how much easier it is to keep your home clean—how walls, drapes, curtains—in fact everything—stay cleaner longer.

Luxaire Gas-Fired Gravity Furnaces are completely automatic—just light the pilot—set the room thermostat, and your winter heating chores are over.

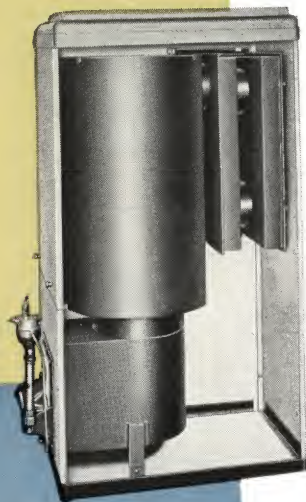
Luxaire Gas-Fired Gravity Furnaces are built with either a steel heating element or a cast iron heating element, whichever you prefer, and also have the silently operating, Luxaire gas burner. Capacities range from 50,000 to 125,000 B.T.U. input. Approved by the American Gas Association.



Gas Fired Gravity Furnace



Oil Fired Gravity Furnace with Pressure Vaporizing Oil Burner



Interior view of Gravity Furnace with gas burner

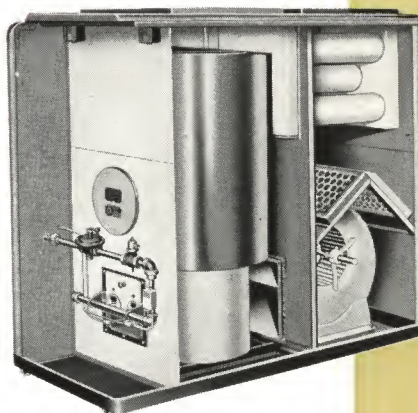
## Luxaire Oil Fired Gravity Furnace

If you prefer oil heating in your home, but economy in installation and economy in operation are vital factors in your budget, there are Luxaire Oil-Fired Gravity Furnaces available, equipped either with a Gun Type Pressure Atomizing Oil Burner or a Pressure Vaporizing Oil Burner. Both have been designed to provide automatic heating at moderate expense.

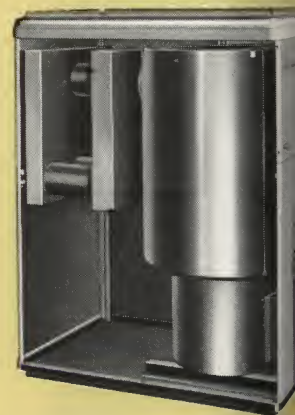
With Luxaire you can exercise your prefer-

ence—if you have one—for oil burner. Both types of Luxaire oil burners are listed by Underwriters' Laboratories, Inc.

Here are good looking furnaces with ruggedly constructed steel heating elements that are welded leak-proof so no fumes can get into your home—units that will give you complete, automatic heating satisfaction. The compact design and construction means that little basement space is needed for installation.



Interior view of Gas Fired Air Conditioning Unit



Oil Fired Gravity Furnace with Gun Pressure Atomizing Oil Burner



# Luxaire OIL-FIRED AIR CONDITIONING UNIT WITH GUN TYPE OIL BURNER

This oil-fired unit is highly efficient in providing speedy, economical delivery of heat on those cold, zero days, keeping the warmed, healthful air in constant circulation. On hot summer days and nights the blower can be operated to keep the air in continuous circulation.

As with all Luxaire-engineered units, you can be assured of economical performance, long-lived operation and a minimum of maintenance and servicing costs.

Home cleaning and home maintenance are also reduced to a minimum, because Luxaire heating elements are made leak-proof and gas-tight by the new method of submerged arc welding. As in all Luxaire Air Conditioning Units, filters remove dust, pollen and impurities from the circulating air, and the Automatic Humidifier adds the moisture so necessary for healthfulness.

## THE OIL BURNER

This new, revolutionary type Luxaire Oil Burner has many distinctive features, vastly important to economical heating, long life and trouble-free service.

This burner will provide efficient combustion with the heaviest types of domestic heating oils, which are generally lower in cost. It is so carefully aligned and delicately balanced that mechanical wear is reduced to a minimum. No burner designed to date is as easy to service as the Luxaire. Once installed, the air tube part of the burner need never be removed. The burner chassis, which contains all the moving parts, is attached to the front of the furnace in such a way that loosening 4 nuts, in the matter of a few minutes, releases the burner chassis for inspection or servicing.

## VIRTUALLY ALL Luxaire UNITS ARE DESIGN- ED for EITHER GAS or OIL FIRING

Most Luxaire Air Conditioning Units have been so ingeniously engineered that they are perfectly suitable for either gas or oil burning—and are equally efficient with either fuel.

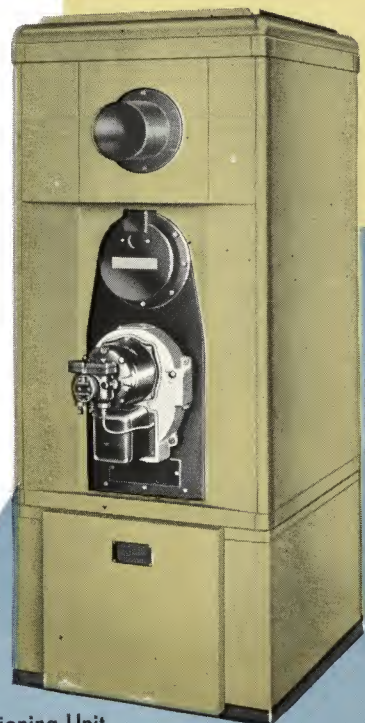
If you are undecided now which fuel you prefer to burn, you can have your Luxaire system installed now—air conditioning unit, ducts, registers and grills—and finally before the arrival of cold weather make the decision whether to add the Luxaire Gas Burner or the Luxaire Oil Burner to your system.

Or in later years, if you decide to change from Oil firing to Gas firing, or from Gas to Oil, you simply remove the one Luxaire burner and replace it with the other Luxaire, without sacrificing efficiency and at comparatively small cost.

Luxaire Gas Fired Units carry the Approval Seal of the American Gas Association. Luxaire Oil Burners carry the listing of Underwriters' Laboratories, Inc.



Luxaire Oil-fired 'Gun' type Air Conditioning Units are also available in the Utility model as illustrated below.

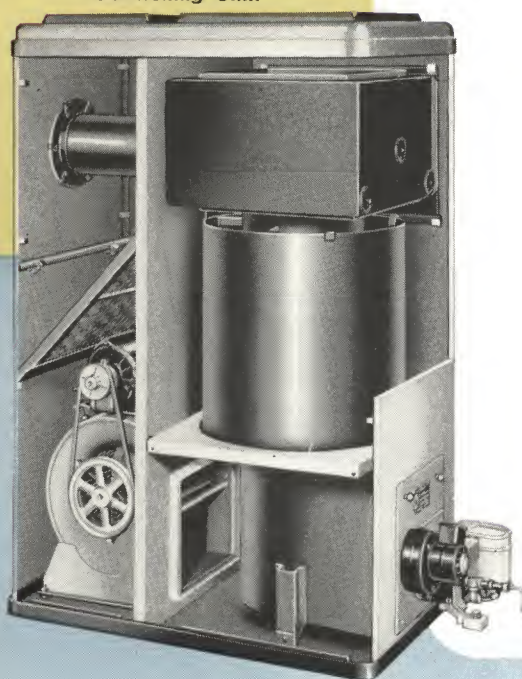


Utility Air Conditioning Unit  
with Gun type Oil Burner





Front View of  
Vaporizing  
Oil Fired  
Basement Air  
Conditioning  
Unit.



Interior view of Vaporizing  
Oil Fired Basement Air  
Conditioning Unit.

## *Luxaire* VAPORIZING OIL FIRED AIR CONDITIONING UNIT

If the heating requirements of your new home are within the heating capacity of the Luxaire Vaporizing Oil Fired Air Conditioning Unit, you can enjoy carefree, automatic heating at a surprisingly low first cost and fuel cost.

Inside of the attractive enamel cabinet is a heating element of heavy steel, electrically welded to form a leak proof unit, rugged and long lived. This heating element extracts all the heat possible from the oil burned.

The burner is factory assembled and factory adjusted. It is easily installed in the unit and it is also difficult to install it incorrectly. Like all Luxaire burners it is highly efficient. For inspection or servicing, the burner is speedily removed by loosening 4 screws and disconnecting the oil line — without disturbing or dismantling the furnace or cabinet.

The Luxaire Pressure Vaporizing Oil Burner has been approved by Underwriters' Laboratories, Inc.

## *Luxaire* Vaporizing Oil Fired Utility Air Conditioning Unit

If in your new basementless home the heating plant is to be placed in a utility room or closet, this Luxaire Utility Air Conditioning Unit will fit into your plans remarkably well.

Its unusually compact construction conserves valuable floor space. It will always provide carefree, automatic heating—clean, invigorating filtered and humidified air and healthful ventilation.

The Utility Unit is built with the same outstanding engineering features as the basement air conditioning unit. And it's so easy to keep clean by simply dusting the smooth, baked enameled cabinet as you would any piece of furniture.



Front view of Vaporizing  
Oil Fired Utility Air Con-  
ditioning Unit.



## FOR BASEMENTLESS HOUSES

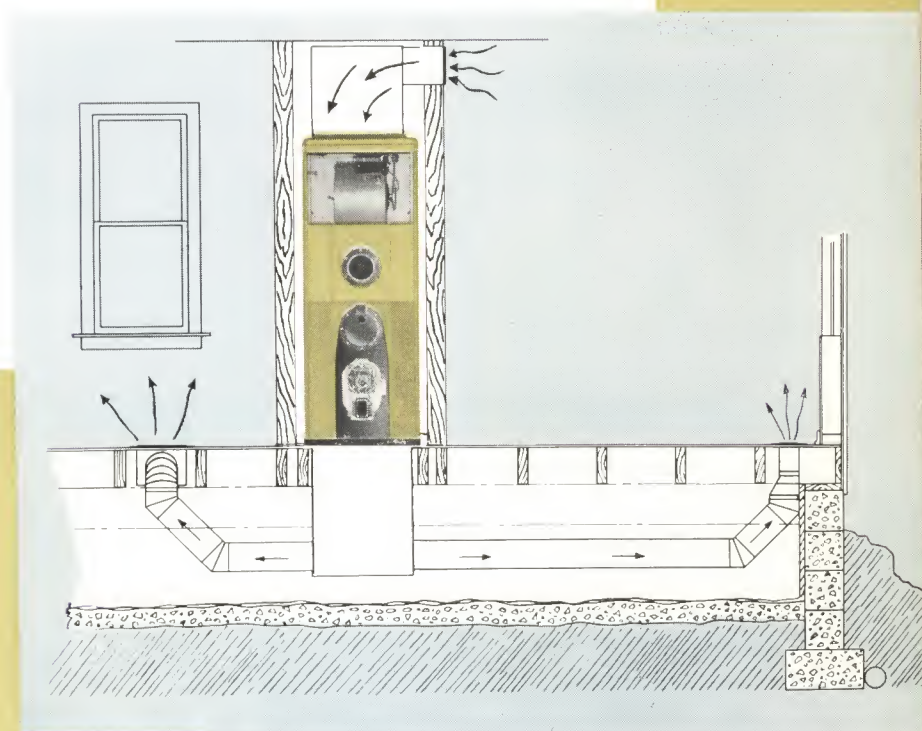
### THE *Luxaire* COUNTERFLOW UNIT

The Luxaire Counterflow Unit has been designed for basementless homes, where it is desired to circulate the heated air in the concrete floor slab, or below it, so that some of the heat from the pipes or ducts will pass by radiation directly to the floor. Instead of the customary location of the air handling equipment in the bottom of the cabinet, the blower-fan is placed at the top, above the heating element, and the air is forced downward in a counterflow action.

Luxaire Counterflow units give you 3 choices of heating installations: You can have floor panel heating with the heat pipes imbedded in the concrete floor, or you can have these same imbedded pipes connected to wall or floor registers for warm air heating; or you can have the heat pipes installed

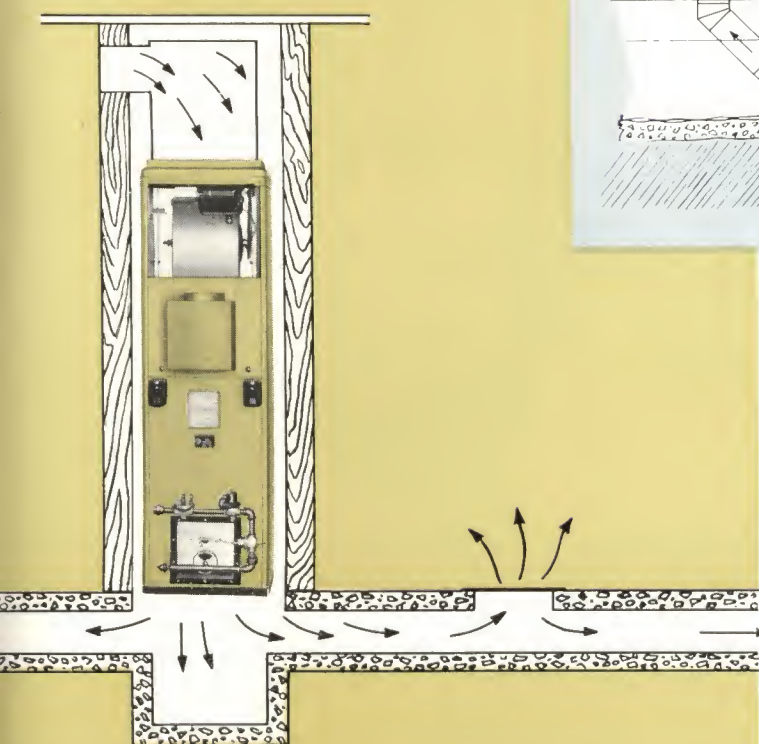
in the crawl space under the floor and connected to wall or floor registers, thereby providing a circulation of the air throughout the home.

Luxaire Counterflow is a well-built, compactly constructed unit. The steel, baked enamel cabinet houses the rugged, welded steel heating element, that extracts heat so economically from the fuel being burned. Available either as a Gas unit or an Oil unit.



Above is shown a "crawl space" heating installation using a Counterflow Unit with gun type oil burner. The Counterflow Unit is also available with a pressure vaporizing oil burner.

At left is shown the gas-fired Counterflow Unit installed on a concrete slab floor with heat pipes connected to floor registers





THE C. A. OLSEN MANUFACTURING COMPANY  
ELYRIA, OHIO

Please have your nearest Luxaire dealer arrange to provide me with

( ) additional information.

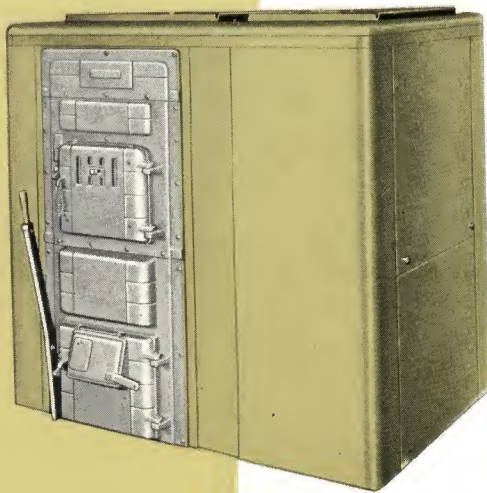
( ) a quotation on a Luxaire installation in my home.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_



Steel Air Conditioning Unit.  
Designed for Coal — Easily  
Converted to Burn Oil and  
Gas.

## *Luxaire* "THREE-WAY" Steel Air Conditioning Unit

This popular air conditioning unit will provide thoroughly satisfactory heating with any of the three fuels—coal, gas or oil. Its large area of heat-radiating surface and the long travel of the hot gases, before they pass into the flue, make it surprisingly efficient with any fuel. With it, you can convert at any time from one type of fuel to another without the expense of purchasing a new heating plant.

Besides heating, this "Three-Way" air conditioning unit provides air circulation, humidifies the air, and with its filters, eliminates dirt, dust and pollen.



Cast iron gravity furnace

## *Luxaire* Coal Fired Gravity Furnaces Cast Iron Heating Element

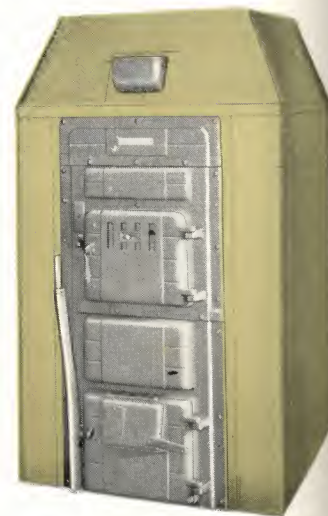
This efficient, economical, warm air coal burning furnace has been outstanding in the heating market for over 50 years.

Equipped with a large, one-piece radiator, a durable two-piece firepot, duplex roller-bearing grate, and a roomy dust-tight ashpit, this furnace has only four double-sealed joints inside the casing—a feature which minimizes the danger of dirt and fumes escaping into the warm air chamber.

### Steel Heating Element

An efficient coal-fired furnace that will give long, trouble-free years of heating satisfaction—yet is surprisingly low in cost.

Combustion chamber and radiator are welded, gas-tight. Heavy, duplex dumping grates are standard equipment. Firepot is brick lined. Both Steel and Cast Iron Furnaces are available with the attractive square enameled casings as illustrated, or with conventional round casings.



Steel gravity furnace

THE C. A. OLSEN MANUFACTURING COMPANY • • ELYRIA, OHIO  
*Luxaire* HEATING & AIR CONDITIONING UNITS



*How to give your home*

# Glamour with Glass



ROOM BY B. ALTMAN & COMPANY

***Pittsburgh Plate Glass Company***

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SO you're going to build a new home? Or you're dreaming about that house you'll build someday? Or maybe you've just decided to redecorate your present home? If you're one of these people—and who isn't?—then this book is for you!

In every home—from an old one to one still in the drawing board stage—from the most modern “Home of Tomorrow” to your grandmother's Colonial farmhouse—from a modest cottage to an elaborate mansion—in *every home* there is a place for Glass.

For Glass is adaptable—it enhances the beauty of all types of décor—it can add great charm and livability while staying within the limits of small budgets. First cost of Glass is last cost, and the initial cost is spread over years of service. No other material can do so much for so little.

Open house all year-round—in this unusual living room of the House in the Berkshires. The time when you could enjoy the beauty of the outdoors only during the pleasant summer months is passed. Now, with Twindow—Pittsburgh's picture window with sealed-in insulation—the beauty of the surrounding countryside can become a permanent part of your home—without any of the disadvantages formerly so common with large uninsulated glass areas.

ARCHITECT: MARCEL BREUER, NEW YORK







You can make your fireplace the focal point of beauty in your living room with an unusual structural mirror like this one. And for further charm try a fireplace surround of Carrara, the structural glass of infinite possibilities

## Glass brightens your living room



Is your living room too dark? Is it a little drab or lifeless? Is it too small to suit you? Try giving it extra warmth and life . . . increase its apparent size—with a few effective touches of Pittsburgh Glass.

Glass reflects the gaiety and color of a living room, makes it light and friendly, helps to make it an appropriate setting for cordial hospitality. Whatever the style of your living room, you'll find that glass blends with it, actually complements the decorative scheme.

Look through the following illustrations carefully. You may find just the ideas you need to brighten your living room . . . and at a surprisingly low cost!



Frame a pretty picture for the living room—your garden! Now you can use the beauty of the outdoors to charm and cheer your indoor living all year-round. For Twindow—the window with built-in insulation—cuts down heating costs, minimizes downdrafts, virtually eliminates window “steaming.”

ARCHITECT:  
HENRY W. JOHANSON  
ROSLYN, N.Y.



Sophisticated setting! You, too, can have a living room just as charming as this one—a room that's as modern and distinctive as Manhattan's famous skyline. The secret is to use lots of Pittsburgh Plate Glass structural mirrors—a fireplace surround of Black Carrara Glass—and picture windows made of Twindow.

SKYLINE SUITE  
DESIGNED BY THE  
WALTER M. BALLARD CORP.  
FOR THE  
NEW YORKER HOTEL







"Mirror, mirror on the wall..." Even if yours doesn't vote you the fairest in the land, you'll still believe in the miracles mirrors can create when you see all the warmth, color and charm that one will bring to your living room. And what's more, you'll be pleasantly surprised at the price, too—for no other material can do more for a room, for less money, than glass.



You'll enjoy living in a "glass house"—with one wall of your living room made completely of Twindow—as shown here. And don't worry about chilling downdrafts, because Twindow has built-in insulation.

ARCHITECTS: FURNO AND HARRISON, NEW YORK



# a little extra glass

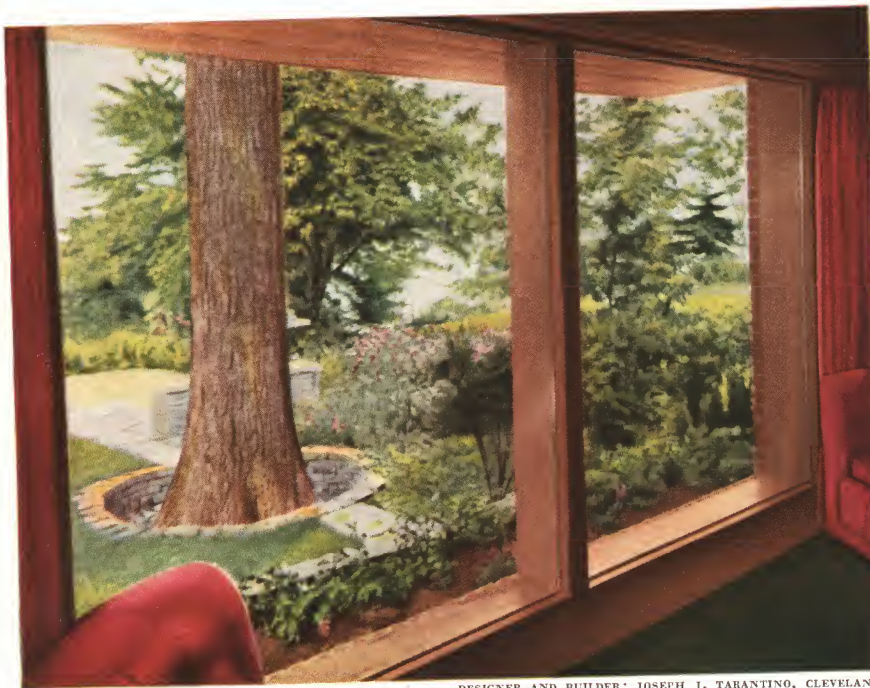


ROOM BY W. & J. SLOANE

How to make magic with mirrors! A well-placed mirror can make a tremendous difference in the charm of a room. Here is a case where large wall panels of mirrored glass furnish a delightful background for the sofa. Notice the use of drapery to create an unusual "picture window" effect.



Carefree hostess! You can relax and enjoy your guests when you know your tables are protected with Plate Glass tops. No moisture rings can mar the finish of your furniture. And these glass tops are very reasonably priced, too.



DESIGNER AND BUILDER: JOSEPH J. TARANTINO, CLEVELAND

Enjoy your garden from your easy chair . . . with a Twindow picture window. Distortion-free Twindow keeps out summer heat and winter cold . . . even eliminates cold air near the glass area . . . because it's insulated.



Protection plus beauty! The sturdy Plate Glass top safely protects this table from scratches, cigarette burns and other such accidents. The sparkling glass top adds to the beauty of the table, too . . . keeps it looking "new" longer.



# means a lot of extra charm



Twindow picture window.



Plate Glass mirror  
over a Carrara fireplace.



Window sills of Carrara Glass.



Don't worry, little lady! Mother can wipe up that water with  
a cloth, and the table will not be damaged one bit. A Plate  
Glass top guards your table *permanently* from scratches,  
spills and stains.



PHOTOGRAPHED AT THE MANOR HOUSE, NEW YORK

Your living room will have extra charm with a Plate Glass structural mirror built right into the wall around your fireplace. Try a Pittsburgh mirror—blue, green or flesh tinted for color and chic—with a backing of silver, gold or gun-metal.



All the attention in your living room centers on the fireplace. You can make it worthy of such attention by placing a handsome unframed mirror above the mantel. And enhance its beauty with an effective arrangement of candles as shown here.



# Glass gives grace to your dining room

With many families, the dining room is the heart of the home . . . the symbol of gracious living. To make dining a pleasure for all the family . . . to delight and please your guests . . . why not consider a few simple uses of Pittsburgh Glass? Sparkling glass brightens the room, adds color and charm . . . helps to make festive occasions of everyday meals.

There are many functional as well as dec-

orative uses for glass in your dining room. Glass is an ideal covering to protect the finish of furniture. Glass can be used to create an appearance of greater size, make your room lighter, brighter . . . it's easy to keep clean and shining.

And don't forget that you spend less when you decorate with glass . . . because a *little* extra glass means a *lot* of extra charm.



Push back the walls of a small dining room with a floor-to-ceiling mirror of Pittsburgh Plate Glass. This luxurious dining room appears to be twice its actual size, and the panelled mirror flatters the modern appointments. Don't overlook the smart glass-covered buffet. It is handsome . . . and safe from damage.

A smart circular mirror over this buffet forms an appropriate background for the crystal candelabra. A Plate Glass buffet top adds further to the cheery sparkle of the decorative scheme . . . makes an old piece of furniture appear like new . . . helps to achieve the over-all convivial glow so sought after in dining room decoration.







A smart trick to make a small dining room look larger: panels of floor-to-ceiling mirrors. The handsome mirrors reflect the scenic view framed by the Twindow picture window . . . you can dine in indoor comfort with an outdoor setting.

Protective mirror tops can save your furniture from damage by spilled liquids, neglected cigarettes, scratches or tumbler rings. Such tops add to the beauty of your dining room furniture, and pick up the color and sparkle of your crystal and silver. Note the alcove with its Heavy Plate Glass shelves. Just the thing for your rare china and figurines.

ARCHITECT: HAROLD L. SCHWARTZ, NEW KENSINGTON, PA.





How bright and cheery this kitchen is! The gleaming white Carrara walls make it a pleasure to work here; are so easy to clean; so durable and permanent, you never need to worry about replacement. And for extra light, notice the Twindow picture window.

## Glass cheers up your kitchen

In spite of time-saving modern conveniences, you still have to spend a good part of every day in your kitchen. Then isn't it reasonable to make that kitchen just as cheery, bright and inviting as it can be . . . to have all possible light on working surfaces . . . and to make it as easy to clean as you can? It's so easy . . . when you use lots of Pittsburgh Glass in planning your kitchen.

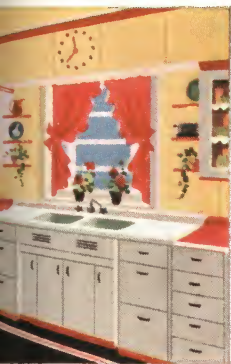
In every kitchen there's at least one place for an application of glass . . . and in most kitchens you will find that there are almost innumerable ways to use glass for beauty, practicality and efficiency.

Wouldn't *you* like to work in one of these lovely kitchens?



***Pittsburgh Plate***





Here's how to wash your dishes and admire your garden at the same time. It's easy with a large Pittsburgh Twindow—the window with built-in insulation—above your kitchen sink. No cross-sash to interfere with vision.

**uss Company**



Because Carrara is such a durable, everlasting material with a gleaming indestructible finish, it is perfect for kitchen walls. For Carrara is impervious to the attacks of steam and water . . . will not absorb odors . . . and is so simple to keep clean. Easy to apply, too—usually fits right over present walls.



There goes the doorbell! But you don't have to wonder how you look. Not if you have this Plate Glass check-up mirror in your kitchen. Helps you look your best at a moment's notice.

A cool, refreshing scene is always before the lady who works here. A beautiful view helps to lighten the drudgery of kitchen routine. And if you use Twin-dow, the window composed of two panes of glass with a hermetically-sealed air-space between, you'll virtually eliminate drafts and moisture condensation.

ARCHITECT: WILLIAM WURSTER, SAN FRANCISCO



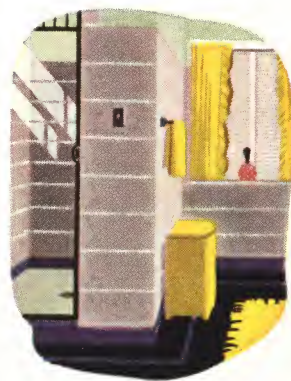


# Glass glamorizes your bathroom



A modern, sparkling bathroom is dear to every woman's heart. And when it can be practical as well as beautiful it becomes a "dream bathroom" indeed! And this is one dream you can make come true! With Pittsburgh Glass you can create a bathroom you can proudly display to all your guests—and we know they'll be envious. At the same time you'll have one that's exceptionally easy to clean.

What's more, the man of the house will like lots of glass in the bathroom, too. For it is strong, practical and permanent, is easy to install and requires no costly maintenance.



Four ways to use Pittsburgh Glass to create a beautiful bathroom: Tranquil Green Carrara Glass for durable, easy-to-clean walls—a handsome Plate Glass mirror above the lavatory—a tub enclosure of transparent Plate Glass to eliminate dripping shower curtains—and a panel of PC Glass Blocks to admit plenty of light . . . while retaining privacy.





Go ahead . . . splash! The handsome counter top and walls of Carrara can take it. They laugh at water . . . come sparkling clean and shiny with a quick wipe with a damp cloth. Practical and beautiful, too, are the Plate Glass mirrors above the lavatory.

Beauty can be practical in your bathroom. With easy-to-clean, easy-to-install walls of Carrara Glass you get enduring good looks and charm. And there are ten beautiful colors of Carrara available—Gray, Ivory, Tranquil Green, Forest Green, Rembrandt Blue, Beige, Wine, Orange, Black and White—for a variety of color schemes.



***Pittsburgh Plate***





Cheerful mornings will become a habit in a bathroom as attractive as this. Gray Carrara Structural Glass for permanent, beautiful walls . . . and silvered Pittsburgh Plate Glass for the unusual series of mirrors and for the mirror-lined niche.

Stop and think . . . about the many advantages of a Carrara-walled bath. Permanence—once installed Carrara is there to stay. Beauty—Carrara's depth of color and the perfect reflectivity of its ground and polished surface add to the beauty of any bath. Easy cleaning—Carrara is installed in large panels, so many joint crevices, lodging places for dust and dirt, are eliminated.

**ss Company**



# Glass wakes up your bedroom



Greet each day with a smile! A cheerful, comfortable bedroom helps you do just that . . . starts you on your way refreshed and contented. Many homemakers have made dull, uninteresting bedrooms restful and inviting—have added life, color and beauty by the generous use of Pittsburgh Glass Products.

And you can do the same for your bedroom usually at a cost so low you will be amazed. The following photographs illustrate several of the possible ways to use glass effectively. Perhaps they will give you some ideas for waking up *your* bedroom.

Here's versatility plus! This panelled wall mirror plays a triple role—it makes the room seem much larger than it really is—serves as the dressing table looking glass—and also gives you a full-length head-to-toe checking mirror. Such panelled mirrors are easy to install, easy to keep clean and sparkling; so are the mirror tops on the vanity and chest of drawers.







SKYLINE SUITE DESIGNED BY THE WALTER M. BALLARD CORP. FOR THE NEW YORKER HOTEL

Bedroom for a modern miss! And what could be more modern than a beautiful Plate Glass structural mirror behind the vanity. Adds to the beauty of the room and is large enough to do a thorough make-up job. An added feature is the unusual arrangement of Plate Glass tops to create a handy shelf while guarding the finish of the dressing table.



Oops! . . . spilled, but no harm done. The vanity is protected with a Plate Glass mirrored top. And if the surface of your vanity is already damaged, a mirrored top will conceal all the scratches.



Your husband will appreciate having a mirror—a *big one*—above his chest of drawers. And don't forget a Plate Glass top for the chest. Then if he's careless with cigarettes . . . if he throws keys and change on the dresser a little too energetically—the finish is safe from scars.



There's plenty of light in this room! The large Twindow picture window admits an abundance of natural daylight and frames a living picture. The panel of PC Glass Blocks admits daylight, too, yet assures complete privacy to occupants of the room.



# Door Mirrors...

## every home needs several

Every member of the family—Mother, Dad and the children—will find that Pittsburgh Plate Glass door mirrors make it easy to be well groomed. These checking mirrors are inexpensive, and pay dividends in good grooming that far outweigh the original cost. And they are simple to install—you just follow the directions enclosed in every door mirror package. On page 20 are simple instructions for ordering the right size mirrors to fit your doors.



Prescription for poise—a full-length Plate Glass door mirror conveniently-located in your entrance hall. Every home needs at least one door mirror. Most homes need several. And to be really satisfactory the mirror should be at least 5½ feet tall.

She'll be a belle at her first party—and every time she goes out—because she'll get a true reflection of her over-all appearance in a full-length Pittsburgh Plate Glass door mirror. These door mirrors are inexpensive you can afford one for every bedroom.





It's the details that count—that make or mar your costume! Be sure your slip's not showing, and your stocking seams straight-as-a-die by checking them in a full-length door mirror—Plate Glass for accurate reflections.



If that man in your house has a full-length door mirror all his own, he'll be better groomed, will meet the public sure he's looking his best. And he won't be using *your* door mirror just when you need it.



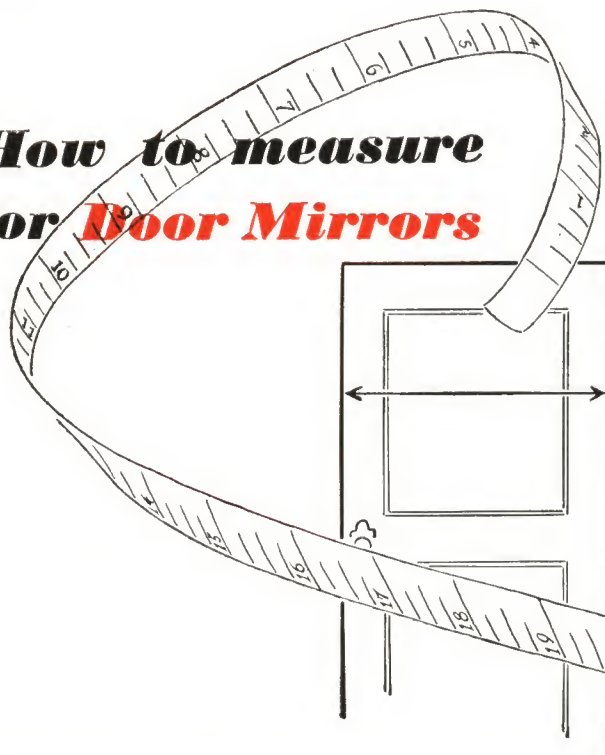
Starting out right! It's never too early to learn the importance of a neat, attractive appearance. And a full-length Pittsburgh Plate Glass door mirror is a big help. Put one in each of your children's bedrooms.



You can be proud indeed, Mother. She made it herself . . . with the help of her Pittsburgh Plate Glass door mirror. For perfection in fitting . . . a full-length door mirror is an indispensable aid.



## How to measure for Door Mirrors



Simply measure the distance from edge to edge of the door itself as shown in the diagram at left. This over-all width determines which of the five door mirror sizes, listed below, will cover the recessed door panel.

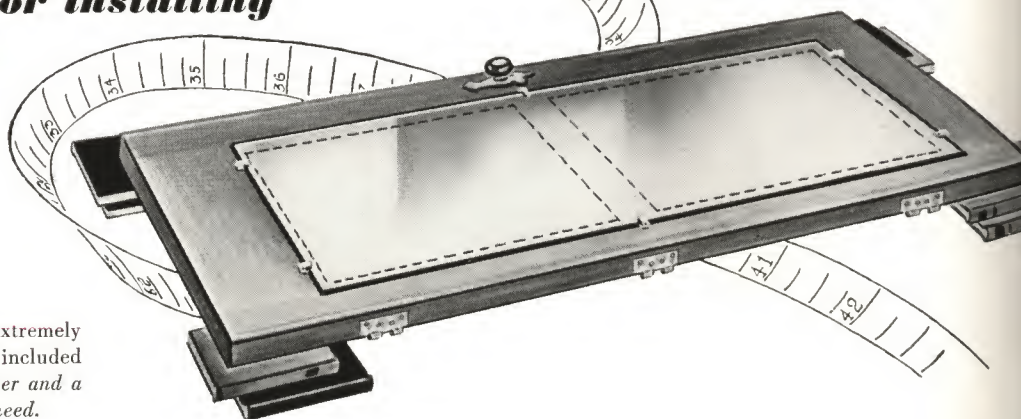
### Five standard sizes available

Pittsburgh Door Mirrors are designed to cover most of the door area . . . a real full-length mirror. There is a size available to fit every door. Available in both framed and Venetian styles, Pittsburgh Mirrors are easily installed.

Door Width	Mirror Size, Venetian or Framed
2'	16" x 68"
2'2"	18" x 68"
2'4"	20" x 68"
2'6"	22" x 68"
2'8"	24" x 68"

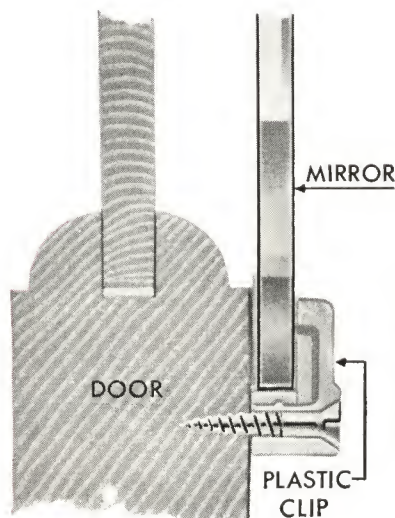
Note: Since most doors in the home are eighty inches tall, these mirrors have been designed for that size. If you need mirrors for doors shorter or taller than eighty inches, contact the nearest Pittsburgh dealer for a custom-size mirror.

## Instructions for installing Door Mirror



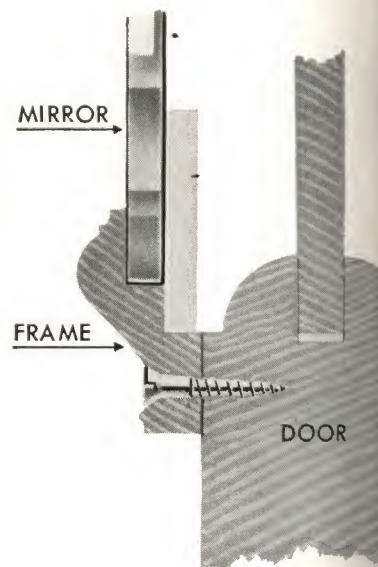
Installation of door mirror is extremely simple. An instruction sheet is included with each mirror. A screw driver and a few minutes' time are all you need.

Mirror may be installed with the door in place, but the work will be facilitated if the pins are removed from the hinges so that the door may be laid flat. Center the mirror on the door so that it completely covers the recessed panels. With a screw driver apply clips or frame to the door.



All mirrors are individually packaged complete with instruction sheet for installation by customer. Sturdy good-looking frames, finished in antique white, are drilled with six holes for screws, package of six screws attached.

All Venetian mirrors complete with edges smoothed to a gleaming finish are individually packaged complete with instruction sheet for installation by customer. Six plastic clips with screws are attached to package.





## How to make a pattern for a **Plate Glass Top**

It's easy to have a custom-made, perfectly-fitted Plate Glass or mirror top for your table or vanity if you follow these two simple steps:

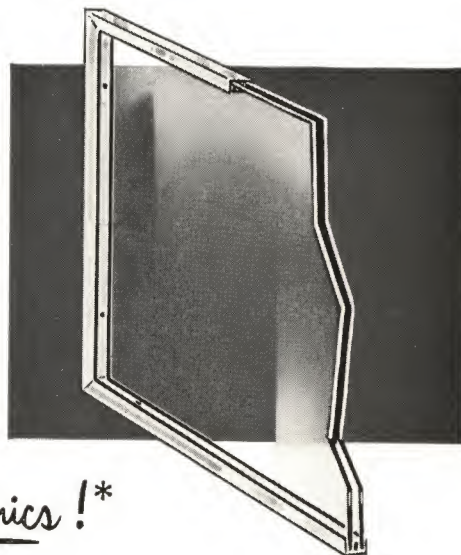
1. Cover top of table with a lightweight Kraft paper (preferably something stronger than newspaper). In case of large tables, paste several sheets securely together to make the pattern. Hold flat by resting books or other weights near edges. Trace around outside edge with a pencil. Be sure to have continuous legible line indicating edge. For a rectangular table, the over-all dimensions plus an exact pattern of one corner will suffice. Do not cut pattern with scissors along penciled pattern line.

2. Roll paper and give pattern to your local dealer. Remember that the finished top will be exactly the same as the paper pattern, and that the supplier of the pattern assumes all responsibility for the fit. *Take time to make sure your pattern is a perfect fit!*



## **TWINDOW** *insulating units*

Twindow is composed of two or more panes of Polished Plate Glass with a hermetically-sealed air space between and a frame of stainless steel to protect the seal and glass edges. When used for picture windows—it adds to health and comfort . . . reduces heating costs . . . eliminates frosty or "steamy" windows . . . minimizes cold downdrafts. And because Twindow is a complete unit, it is as easy to install as a single pane of glass.



**Paint Right** with Color Dynamics !\*

**Paint Best** with Pittsburgh Paints !

Do you know how to make a warm room "cool"? To make a long room appear "square"? Or to lower a high ceiling? It's easy with Color Dynamics!

The principles of Color Dynamics as developed by the Pittsburgh Plate Glass Company involve the utilization of the energy in color. It has been definitely proved that color can be used to produce certain effects, that some

\*Trade-mark Registered

colors help you relax and be cheerful, others stimulate or depress, and still others set up actual irritation and physical discomfort. Don't experiment with color—use Color Dynamics and Pittsburgh Paints to create a home that is healthier, happier and more livable for all the family, more attractive and inviting to every guest.

See your nearest Pittsburgh Paint Dealer, or any of the branches listed on the back cover for further information.



# Only Glass can give you so much—for so little

As you use glass in decorating you will find many other places where you can give your home extra charm, extra color, extra practical usefulness by the strategic applications of glass. Every dollar you spend for glass shows . . . whether it's a Plate Glass bric-a-brac shelf or a full-wall structural mirror. First cost of glass is last cost, and the initial cost is spread over many years of service. No other material can do so much for so little.



A den for Dad. A panel of PC Glass Block gives him lots of light . . . privacy . . . and quiet. A sparkling Plate Glass top protects his desk. So practical, so good looking!

The gang's all here! When teen-agers get together, youthful exuberance sometimes takes command . . . and table tops take a beating. Protect your furniture from scratches, glass rings and finger prints by covering the tops with Plate Glass. It looks swell and costs so little!





Dark stairwells can be dangerous. So play safe . . . light your stairs with a panel of PC Glass Blocks. They add to the attractiveness of the house, inside and out.



Beauty and the budget! You'll scarcely believe how inexpensive a handsome framed mirror like this can be. It looks so well—adds so much charm—wherever it is placed. Other mirrors of Pittsburgh Plate Glass are available in a variety of frames and styles to match or blend with any type of furniture.



## Look for this label ...the mark of Quality Plate Glass

When you are shopping for glass products—door mirrors, framed mirrors, structural mirrors, Plate Glass furniture tops, or *anything* made of Plate Glass for your home—remember to look for this blue and white Pittsburgh Label. It is your assurance that you are getting genuine Pittsburgh Plate Glass in what you buy.

*Where to buy.* Your department or furniture store or other local glass supplier, or the dealer listed on the back cover of this book, can help you work out your ideas for using glass and mirrors in your home.



# Pittsburgh Glass Products

*Available in the following cities through*

## PITTSBURGH PLATE GLASS COMPANY

AKRON 4, OHIO	DUBUQUE, IOWA	LIMA, OHIO	RALEIGH, N. C.
ALBANY, GA.	DULUTH 2, MINN.	LINCOLN 1, NEBR.	READING, PA.
ALBANY 1, N. Y.	DURHAM, N. C.	LITTLE ROCK, ARK.	RICHMOND 8, VA.
ALLENTOWN, PA.	ELGIN, ILL.	LOUISVILLE 1, KY.	ROANOKE 5, VA.
ALTOONA, PA.	EL PASO, TEXAS	LUBBOCK, TEXAS	ROCHESTER 8, N. Y.
AMARILLO, TEXAS	ERIE, PA.	LYNCHBURG, VA.	ROCKFORD, ILL.
ANN ARBOR, MICH.	FAIRMONT, W. VA.	MACON, GA.	SAGINAW, MICH.
ATLANTA 1, GA.	FINDLAY, OHIO	MADISON 4, WIS.	ST. JOSEPH 7, MO.
ATLANTIC CITY, N. J.	FLORENCE, ALA.	MANCHESTER, N. H.	ST. LOUIS 10, MO.
AUGUSTA, GA.	FORT DODGE, IOWA	MANSFIELD, OHIO	ST. PAUL 1, MINN.
AURORA, ILL.	FORT WAYNE, IND.	MARIETTA, OHIO	SALINA, KAN.
AUSTIN, TEXAS	FORT WORTH 1, TEXAS	MASON CITY, IOWA	SAN ANTONIO 6, TEXAS
BALTIMORE 3, MD.	FOSTORIA, OHIO	McKEESPORT, PA.	SAVANNAH, GA.
BEAUMONT, TEXAS	GALESBURG, ILL.	MEMPHIS 1, TENN.	SCRANTON 9, PA.
BEAVER FALLS, PA.	GALVESTON, TEXAS	MIAMI 31, FLA.	SHREVEPORT 90, LA.
BINGHAMTON, N. Y.	GRAND RAPIDS 3, MICH.	MIDLAND, TEXAS	SIoux FALLS, S. DAK.
BIRMINGHAM 1, ALA.	GREENSBORO, N. C.	MILWAUKEE 1, WIS.	SOUTH BEND 24, IND.
BOSTON 15, MASS.	GREENVILLE, S. C.	MINEOLA, N. Y.	SPRINGFIELD, ILL.
BROOKLYN 1, N. Y.	HAMILTON, OHIO	MINNEAPOLIS 15, MINN.	SPRINGFIELD 5, MASS.
BROWNSVILLE, PA.	HAMMOND, IND.	MOBILE 1, ALA.	SPRINGFIELD, MO.
BUFFALO 2, N. Y.	HARRISBURG, PA.	MONROE, LA.	SPRINGFIELD 99, OHIO
BURLINGTON, VT.	HARTFORD 1, CONN.	MONTGOMERY 3, ALA.	SYRACUSE 1, N. Y.
BUTTE, MONT.	HASTINGS, NEBR.	MT. VERNON, N. Y.	TALLAHASSEE, FLA.
CANONSBURG, PA.	HIGH POINT, N. C.	MUSKEGON 4, MICH.	TAMPA 1, FLA.
CEDAR RAPIDS, IOWA	HOMESTEAD, PA.	NASHVILLE 2, TENN.	TERRE HAUTE, IND.
CHARLESTON, S. C.	HOUSTON 1, TEXAS	NEWARK 8, N. J.	TIFFIN, OHIO
CHARLOTTE 1, N. C.	INDIANAPOLIS 6, IND.	NEW CASTLE, PA.	TOLEDO 6, OHIO
CHICAGO 11, ILL.	IOWA CITY, IOWA	NEW HAVEN 13, CONN.	TOPEKA, KAN.
CINCINNATI 32, OHIO	JACKSON, MICH.	NEW ORLEANS 1, LA.	TRENTON 8, N. J.
CLEVELAND 14, OHIO	JACKSON, MISS.	OKLAHOMA CITY 2, OKLA.	TULSA 1, OKLA.
COLUMBIA 3, S. C.	JACKSONVILLE 3, FLA.	OMAHA 1, NEBR.	UNIONTOWN, PA.
COLUMBUS 1, OHIO	JEANNETTE, PA.	OSHKOSH, WIS.	UTICA 3, N. Y.
CORPUS CHRISTI, TEXAS	JOPLIN, MO.	OTTUMWA, IOWA	VINCENNES, IND.
CUMBERLAND, MD.	KALAMAZOO, MICH.	PADUCAH, KY.	WASHINGTON 2, D. C.
DALLAS 2, TEXAS	KANSAS CITY 6, MO.	PARKERSBURG, W. VA.	WASHINGTON, PA.
DANVILLE, ILL.	KITTANNING, PA.	PEORIA 2, ILL.	WAUSAU, WIS.
DAVENPORT, IOWA	KNOXVILLE 12, TENN.	PHILADELPHIA 32, PA.	WICHITA 1, KAN.
DECATUR 21, ILL.	KOKOMO, IND.	PITTSBURGH 22, PA.	WILKES-BARRE, PA.
DENVER 1, COLO.	LA CROSSE, WIS.	PORTSMOUTH, OHIO	WILMINGTON 17, DEL.
DES MOINES 6, IOWA	LAFAYETTE, IND.	PROVIDENCE 1, R. I.	WORCESTER, MASS.
DETROIT 2, MICH.	LANCASTER, PA.	QUINCY 69, MASS.	YOUNGSTOWN 3, OHIO
DU BOIS, PA.	LEXINGTON, KY.	RACINE, WIS.	ZANESVILLE, OHIO

### ON THE PACIFIC COAST, THROUGH THE BRANCHES OF W. P. FULLER & CO.

PHOENIX, ARIZ.	LONG BEACH, CALIF.	SANTA BARBARA, CALIF.	SALEM, ORE.
TUCSON, ARIZ.	LOS ANGELES, CALIF.	SANTA ANA, CALIF.	OGDEN, UTAH
ALAMEDA, CALIF.	MODESTO, CALIF.	SANTA MONICA, CALIF.	SALT LAKE CITY, UTAH
ALHAMBRA, CALIF.	OAKLAND, CALIF.	STOCKTON, CALIF.	BELLINGHAM, WASH.
BAKERSFIELD, CALIF.	PASADENA, CALIF.	VENTURA, CALIF.	BREMERTON, WASH.
BERKELEY, CALIF.	POMONA, CALIF.	WESTWOOD, CALIF.	SEATTLE, WASH.
BEVERLY HILLS, CALIF.	RIVERSIDE, CALIF.	WHITTIER, CALIF.	SPOKANE, WASH.
BURBANK, CALIF.	SACRAMENTO, CALIF.	BOISE, IDAHO	TACOMA, WASH.
COMPTON, CALIF.	SALINAS, CALIF.	IDAHO FALLS, IDAHO	VANCOUVER, WASH.
EUREKA, CALIF.	SAN BERNARDINO, CALIF.	NAMPA, IDAHO	WALLA WALLA, WASH.
FRESNO, CALIF.	SAN DIEGO, CALIF.	BILLINGS, MONT.	WENATCHEE, WASH.
GLENDALE, CALIF.	SAN FRANCISCO, CALIF.	BUTTE, MONT.	YAKIMA, WASH.
HOLLYWOOD, CALIF.	SAN JOSE, CALIF.	MISSOULA, MONT.	
HUNTINGTON PARK, CALIF.	SAN MATEO, CALIF.	EUGENE, ORE.	
LA JOLLA, CALIF.	SAN PEDRO, CALIF.	PORTLAND, ORE.	







**PITTSBURGH**

*Color Dynamics*

**FOR THE HOME**



## Paint Right with

# COLOR

# DYNAMICS

In the correct use of color you can find the charm of yesterday and the promise of tomorrow.

Color is your servant—ready to transform your house into a more beautiful and practical home. It is an inexpensive tool with which you build your family's personality into your decorative schemes.

You don't need to be an expert to make the most of the beauty and power of color. Your way to better living is blueprinted in the principles of Color Dynamics.

The results of years of intensive research and application of Color Dynamics in hospitals, industrial plants, schools and other buildings are yours for the asking. The color engineers of the Pittsburgh Plate Glass Company have made it easy for you to use color both fashionably and correctly.

Begin to plan now. Choose those colors which you admire. Weave them into a Color Dynamics pattern. The result will be a decorative scheme as beautiful to the eye as it is practical and pleasant to live with.

Your first step in scientific color planning

with Color Dynamics is choice of a basic color plan. There are four standard plans in which the full strength, tints, shades of grayed versions can be used as well as Black, White or Gray.

1. *Complementary Harmony*—two opposite colors on the color circle.
2. *Split Complementary Harmony*—any color on the circle with the colors on either side of its opposite.
3. *Triad Harmony*—any three colors equally distant on the circle.
4. *Analogous Harmony*—a series of neighboring colors on the circle which contain one color in common. For example: Yellow Orange, Yellow, and Yellow Green all contain yellow.

These standard plans can be varied in many ways to suit your needs and desires. For example:

An Analogous series of colors may make use of accents of an opposite color.

One accent color with neutrals—Black, White, and Gray—may be used effectively. A Monochromatic scheme—one hue with its tints

and shades—might also prove interesting.

You can achieve a harmony of light tints—any combination of light pastel tints—for still different effects.

In any color plan remember to use the intense color in small areas and use tints, shades or grayed versions in larger spaces.

When you arrange your color plan, look over your rooms carefully. Those with a northern or eastern exposure should have warm, sunny colors. The rooms facing south or west call for cool colors to temper the sunlight.

If you have some rooms with high ceilings, use a darker color than on the walls. Should the ceiling appear low, give it a light color.

For those small rooms which should be larger, light colors are correct. And to visually diminish a room's size use dark colors.

You will find that there is really "building magic" in color's power to visually alter a room's proportions.

Examples of the use of Color Dynamics to solve unusual architectural problems are shown on the following page.

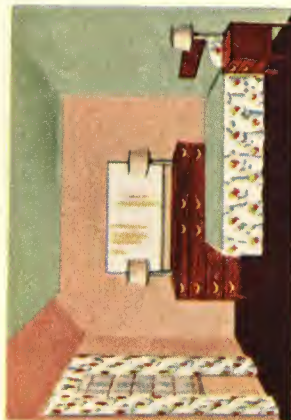




# Paint Best with **PITTSBURGH** **PAINTS**



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*Figure 1—Sloping section made less apparent by painting ceiling, lower wall, and sloping area alike—end wall lighter value and right wall featured by contrasting hue.*

*Figure 2—An alternate solution of the same problem. Ceiling and right wall in one color and remaining wall space, including sloping section, in dark value.*

*Figure 3—Room with sloping sections on two opposite walls. Paint ceiling and sloping areas alike—dark—making an asset of the spaces by achieving an awning or canopy effect. Remaining walls—light—for contrast.*

*Figure 4—Same room as above. Solution—achieve unity by painting ceiling, sloping areas, and end walls dark, and remaining wall space light.*

*Figure 5—Dark end walls tend to equalize proportions of long, narrow room. Dark colors appear to advance and light colors to recede.*

*Figure 6—Dark ceiling color to lower the apparent height of room—accent dark wall to add color interest to room.*

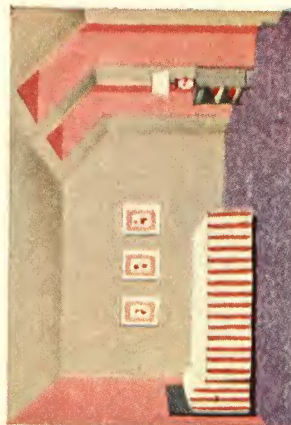
*Figure 7—Effect of dark ceiling stressed by having all remaining walls in a contrasting light color.*

*Figure 8—Recessed dormer walls featured by painting like the opposite wall in contrasting value to remaining light walls.*

*Figure 9—Same room as below. Dormer recesses virtually eliminated by being painted a light value like surrounding walls. Attention further diverted by feature wall opposite the windows.*



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**TRIAD HARMONY**—Sofa wall, Historic Wall Paint Raleigh Tavern Chinese Red 25-45. Trim of sofa wall, Wallhide Semi-Gloss to match Raleigh Tavern Chinese Red 25-45. All other walls, Wallhide Flat Maize Buff 26-69. All other trim except as otherwise specified, Wallhide Semi-Gloss Pale Ivory 27-175. Ceiling, one part Wallhide Flat Light Ivory 26-65 and two parts White 26-5. Alternate Carpet Colors, Green, Lime, Black or shades of warm or cool Gray.



**TRIAD HARMONY**—Walls, one part Wythe House Yellow 25-42 and two parts White 25-22. Trim, Primrose Yellow 27-153. Ceiling, one part Wythe House Yellow 25-42 and eight parts White 25-22. Alternate Carpet Colors, warm or cool Gray or Light Blue.



**MONOCHROMATIC HARMONY WITH NEUTRALS**—Walls, one part Historic Wall Paint Palace Gray 25-38 and two parts White 25-22. Base, Wallhide Semi-Gloss, tinted to match Historic Palace Gray 25-38. Trim, Wallhide Semi-Gloss Light Rose 27-159. Ceiling, one part Historic Wall Paint Pitt-Dixon Rose 25-31 and two parts White 25-22. Alternate Carpet Colors, butyrum.



**TRIAD HARMONY**—Walls, one part Wallhide Flat Wedgwood Blue 26-60 and one part White 26-5. Trim, one part Waterspar Powder Blue 54-121 and two parts White 54-171. Ceiling, Wallhide Flat Soft White 26-72. Alternate Carpet Colors, Gray, Gold or Peach.





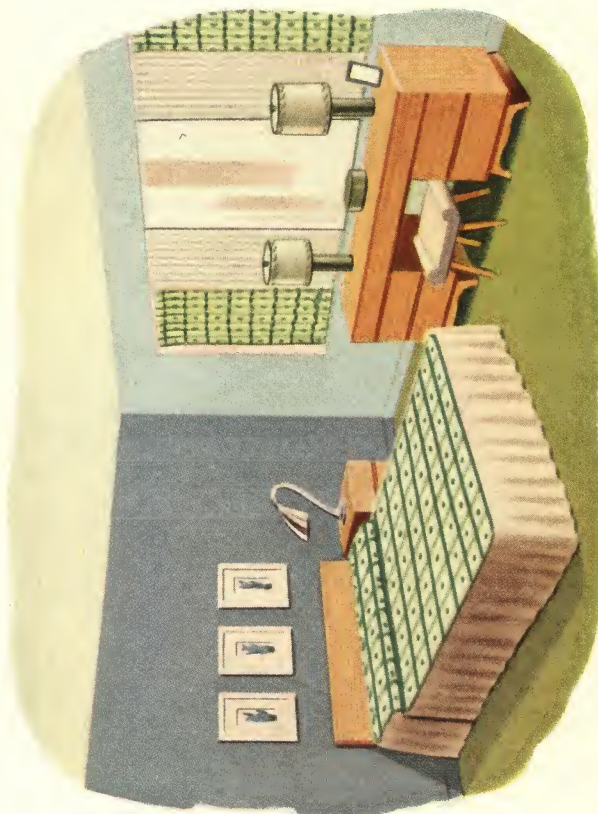
**ANALOGOUS HARMONY**—*Walls*, Historic Wall Paint Raleigh Tavern Chinese Red 25-45. *Trim*, intermix No. 126, base White, Wallhide Semi-Gloss White 27-109. *Ceiling*, one part Historic Wall Paint Palace Gray 25-38 and eight parts White 25-22. *Alternate Carpet Colors*, shades of Green.



**COMPLEMENTARY HARMONY**—*Walls*, Historic Wall Paint Pitt-Dixon Rose 25-31. *Trim*, Waterspar Soft White 54-128. *Ceiling*, Wallhide Flat Soft White 26-72. *Alternate Carpet Colors*, Green, Peach, Gray or Blue.



**TRIAD HARMONY**—*Walls*, intermix No. 50, base White, Wallhide Flat White 26-5. *Trim*, intermix No. 50, base White, Wallhide Semi-Gloss White 27-109. *Ceiling*, intermix No. 115, base White, Wallhide Flat White 26-5.



**ANALOGOUS HARMONY**—*Bed Wall*, Wallhide Flat Wedgwood Blue 26-60. *Trim of bed wall*, Wallhide Semi-Gloss to match Wallhide Flat Wedgwood Blue 26-60. *All other walls*, Wallhide Flat Horizon Blue 26-61. *Trim*, except as otherwise specified, intermix No. 99, base White, Wallhide Semi-Gloss White 27-109. *Ceiling*, Wallhide Flat Soft White 26-72. *Alternate Carpet Colors*, shades of Green or Blue.

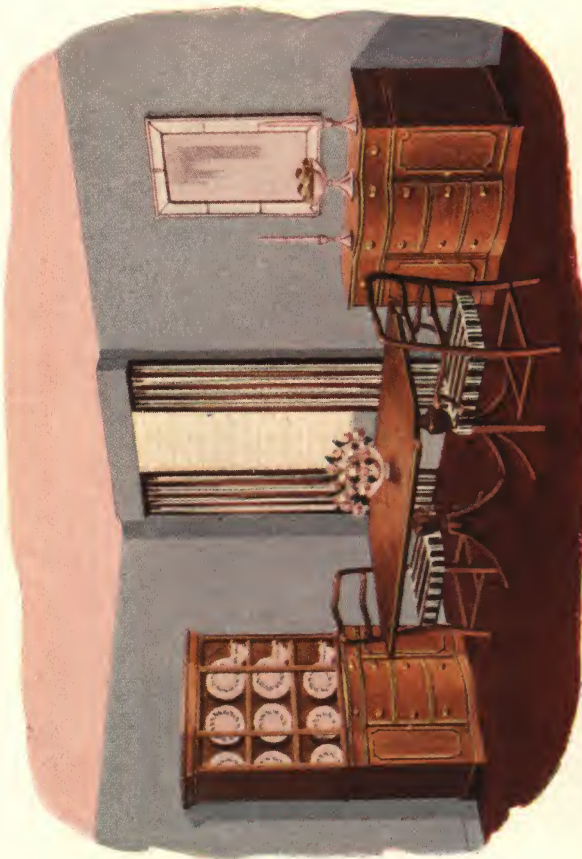




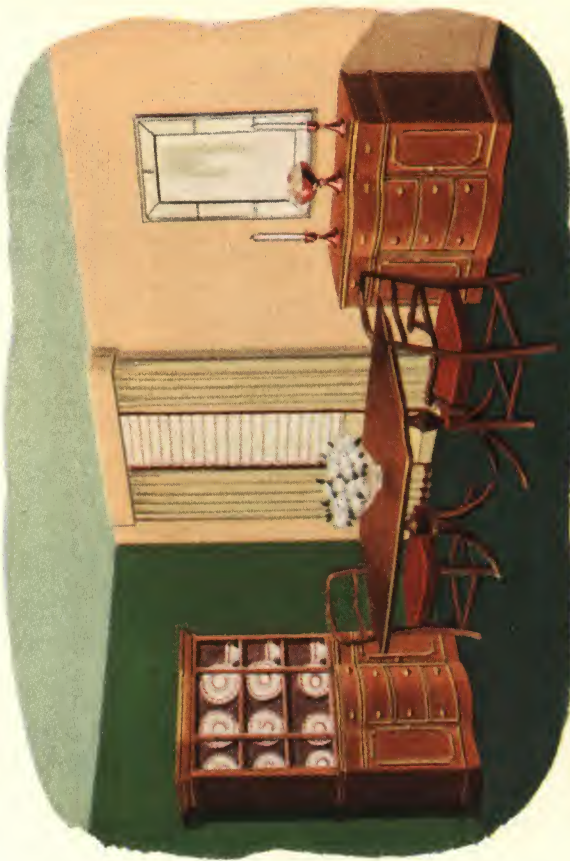
**SPLIT-COMPLEMENTARY HARMONY**—Walls, intermix No. 36, base White, Wallhide Flat White 26-5. Trim, Wallhide Semi-Gloss Pale Ivory 27-175. Base, intermix No. 36, base White, Wallhide Semi-Gloss White 27-109. Ceiling, Wallhide Flat Light Ivory 26-65. Alternate Carpet Colors, shades of Green or Blue Green.



**SPLIT-COMPLEMENTARY HARMONY**—Walls, one part Wythe House Yellow 25-42 and two parts White 25-22. Trim, Primrose Yellow 27-155. Ceiling, Wallhide Flat Soft White 26-72. Alternate Carpet Colors, Rose, Burgundy or Green.

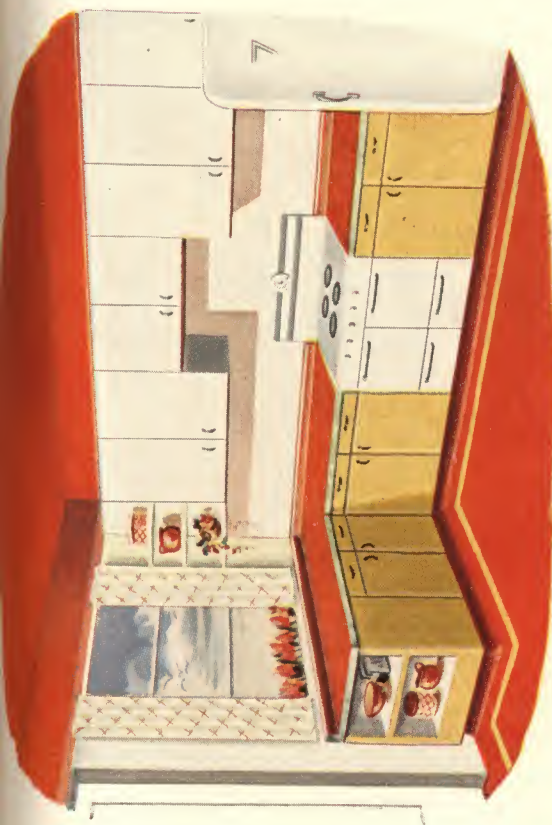


**ANALOGOUS HARMONY**—Walls, intermix No. 60, base White, Wallhide Flat White 26-5. Trim, intermix No. 60, base White, Wallhide Semi-Gloss White 27-109. Ceiling, intermix No. 45, base White, Wallhide Flat White 26-5.



**COMPLEMENTARY HARMONY**—Accent Wall, Historic Wall Paint Raleigh Tavern Green 25-37. Trim of accent wall, Waterspar Lawn Green 54-129. All other walls, Historic Wall Paint Pitt-Dixon Rose 25-31. Trim, except as otherwise specified, Waterspar tinted to match Pitt-Dixon Rose 25-31. Ceiling, one part Raleigh Tavern

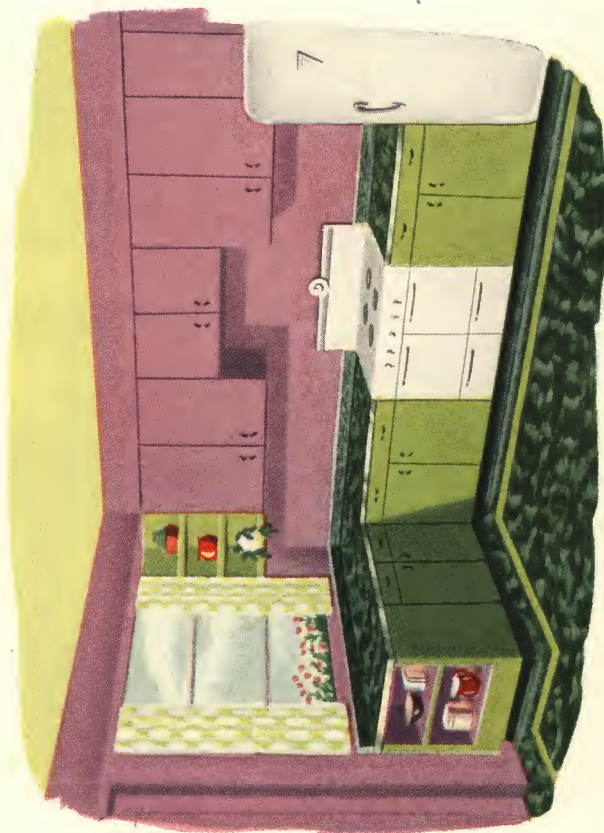




**ANALOGOUS HARMONY**—Walls, corner and wall cabinets, trim and interior of cabinets, Waterspar White 54-171. Base cabinet, Waterspar Jonquil Yellow 54-132. Ceiling, furred area over wall cabinets, Waterspar Sunset Orange 54-124.



**MONOCHROMATIC HARMONY**—Walls, cabinets, and trim, Waterspar White 54-171. Ceiling, interior of cabinets and furred area over wall cabinets, Wallhide Gloss Twilight Rose 28-266.



**SPLIT-COMPLEMENTARY HARMONY**—Walls, wall cabinets, trim, and furred area over wall cabinets, intermix No. 51, base White, Waterspar White 54-171. Ceiling, corner and base cabinets, intermix No. 114, base White, Waterspar White 54-171.



**TRIAD HARMONY**—Walls, wall cabinets, window sash, doors, trim and furred area over wall cabinets, let down of one part Waterspar Powder Blue 54-121 and one part White 54-171. Ceiling, corner cabinet and interior of cabinets, let down of one part Waterspar Jonquil Yellow 54-122 and one part White 54-171.



## Color dynamics as applied to your home

You can achieve real color harmony in your home by following the simple and logical rules of Pittsburgh's Color Dynamics.

And like the beautiful music of a symphonic group, this color harmony will be a never-ending source of relaxation and satisfaction.

Pittsburgh has pioneered in the research into the power of color and its control. This has proved that color harmony produces essentially the same reaction as any other harmony. It can make us happy or it can make us sad. This research has also resulted in formulation of Color Dynamics — your guide to the purposeful use of color.

As you study the following photographs you will see why each color or group of colors is used. Along with this understanding will come stimulation of your innate color sense. And you — aided by Color Dynamics will be well on your way to choosing the best color scheme for your home.

This living-dining room is an example of Color Dynamics in action. Its stimulating interplay of complementary Green and Red has for a background one of the authentic Historic colors from colonial times. It is as equally at home in this contemporary setting as it would be in a room of traditional architecture. This room is cool and tranquil, yet mildly stimulating, because of its sharp complementary accents of Red.



Courtesy Bitter Homes and Gardens







*Photo Hedrich Blessing*

What could be more fitting to this low rambling ranch house than warm areas of earthy Brown. They bind the building to its site and make it a part of the good earth from which it seems to grow.

*Courtesy Better Homes and Gardens*



*Photo Hedrich Blessing*

An abundance of pleasing architectural detail indicates an overall application of snowy White. No trim colors should be used except the restrained touch of restful and unobtrusive Blue.

This sparkling color plan illustrates a successful variation of the Analogous Harmony. A sequence of Yellow, Green and Blue Green is made more attractive with addition of complementary areas of Red. The neutral areas of Soft White serve as a harmonizing agent which prevents too strong contrasts.





Florence Knoll

*The modern way to decorate your  
home for lasting satisfaction*

This is a preview of the architecture and decoration of tomorrow. An important part of the appeal of this charming room is the skillful selection and placement of the colors. It is a Triad Harmony based on the primary hues—Red, Yellow and Blue.





*Florence Knoll*

Use of color as an architectural tool is graphically shown in this home designed to meet specific family needs. Note how the various features are integrated and harmonized by the expert handling of color.



*George Nelson*

The severe lines of functionalism are relieved in some measure with use of contrasting accents of color in subordinate areas. Extensive use of near-neutral Blue Gray makes the pattern more effective.



Broad low masses and horizontal lines are accented in this dream house for tomorrow. Sturdy enduring color areas complement the architectural design and form a fitting exterior to house such contemporary interiors as those shown on this and the facing page.





Courtesy Consider H. Willett Co.

Like magic, Color Dynamics has combined the dignity of traditional background with a lived-in look of informality. The colors used are a combination of the basic Triad Harmony of Red, Blue and Yellow.

*It's easy to work miracles in dull, drab homes*





*Photo Hedrich Blessing*

Nothing else but gleaming White would suit this Cape Cod style of home. The addition of shutters and roof in Ocean Blue takes you right back to colonial New England.

A feeling of height has been counteracted by the architect with use of horizontal lines on lower section and design of a near-flat roof. This leaves the homeowner free to use an over-all White or Off-White with subordinate notes of cool Green.



*Photo Hedrich Blessing*





Lubliner &amp; Himmel, Decorators

### *A simple recipe to "pep up" tired looking rooms*

Neutral Gray serves the important function of unifying and harmonizing the dramatic use of color in furnishings. It also provides an effective foil for highlighting the beauty of the mirrored fireplace.

Pittsburgh Interior Toner Intermixes are the source for the hues used in this unusual Fuchsia combination.







The appeal of this multi-purpose room is undoubtedly due to the casual display of cherished possessions—prints, glass, china, furniture and other furnishings. To bind the component parts into a single harmonious entity a soft Grayed Blue was selected for walls and a light neutral for floor covering.

A welcome variation of the time-honored barn Red and White for Cape Cod exteriors is this cottage. It is painted with one of the darker Grays, splendidly set off by trim of White and door in sparkling Yellow.



*Theodore Williams, Architect*





*Courtesy Carson, Pirie & Scott*

## *Easy to bring out the best in every room*

The warm glow from Chinese Red walls makes for a feeling of contentment and well-being in this dining room. Strong colors can be safely used in rooms which are occupied for comparatively short periods of time each day. Woodwork in Ivory and carpet in light Gray together with the dark wood of furniture and colorful pictures, draperies and other accessories usually reduces the Red area. This diminishes a potential irritating effect of strong color.

Walls of deep Green harmonize by contrast with the rich glow of Mahogany and the neutral Gray of carpet. The Beige draperies and a variety of detail in prized possessions lend help in achieving this effect.



The gleaming Ivory Carrara walls make it a pleasure to work here; are so easy to clean; so durable and permanent. Cabinets in French Gray Enamel.





*Courtesy McGall Corporation*

This kitchen combination of Yellow and Pink is most unusual. Its appeal is assured by use of distinctive colors and contrasts in furnishings. These include fabrics, pottery and fruit, all harmonized by the neutrals—White and Gray in cabinets and floor covering.



*Courtesy Muchler Brothers*

The warm and exhilarating Yellow of the tradition-breaking ceiling and walls achieves its acceptance with careful use of areas of cool Blue and White, as shown.



*Courtesy Curtis Companies, Inc.*

Here again we break with tradition and use Color Dynamics on a creative basis. The bathroom walls, ceiling, and rug are in Chinese Red. Such use is successful only because of the judiciously selected colors of cabinets, fabrics and accessories.



## Historic Colors

SOME of the most outstanding examples of early American home decoration can be found in restored Colonial Williamsburg.

Early colonial painters created a group of pleasing colors which seem to have a timeless appeal. These colors are adaptable to modern interior decoration and are at home in classical, traditional or modern architecture.

The progressive homeowner searching for those "different" colors in a high-quality product will find the answer in "Pittsburgh's Historic Wall Paint" line.

The only finishes reproducing the true Colonial Williamsburg colors are marketed solely as the "Pittsburgh Historic Wall Paint" line. These products carry the famous Hallmark of the Williamsburg Restoration, Incorporated, and are produced by the Paint Division of the Pittsburgh Plate Glass Company.

This authentic expression of Williamsburg design and decoration is the Little Dining Room of the Governor's Palace, one of the more important buildings in the Restoration project. The rich formality of authentic furniture, fabrics and gold-framed portraits is heightened by a dark Green from the Historic Wall Paint range of colors. Human interest is added by appropriate accessories.







Rich with tradition the glorious mellow colors, for which Colonial Williamsburg and the cavalier homes of early Virginia were noted, are today faithfully reproduced for you to enjoy in your modern home.



The restraint of White walls and ceiling with Aqua Green trim features the beauty of the rare old document print used for draperies and canopy.

Soft Blue Gray of Colonial Blue on woodwork, plus White or Off-White walls equals a fitting background for the use of Red and Gold for this Triad Harmony in a living room of the Restoration.

19





# Pittsburgh Oil Base **WALLHIDE** Wall Paint

**Banish gloom, brighten cheerless,  
tired-looking rooms, modernize your entire home  
with young ideas**

## Wallhide Primer-Sealer 26-10

Wallhide Primer-Sealer is designed to thoroughly seal interior porous surfaces of plaster, brick, cement, composition board, cinder and cement block above ground level and to overcome normal hot spots on these areas. Oil- or varnish-base finishing materials such as flat, eggshell, semi-gloss or gloss may be used over it with outstanding results..

Ready to use. Provides excellent sealing of porous surfaces. Dries overnight to a firm adherent, mar-resistant film. Comes in White only. Brushes are easily cleaned in mineral spirits and require no special thinner.

## Wallhide First Coater (Flat and Gloss Type)

A good flexible First Coater for interior porous surfaces possessing excellent sealing properties, flexibility and adherence is available in both flat and gloss sheen as Wallhide First Coater 26-1 (Flat Type) and Wallhide First Coater 26-30 (Gloss Type).

## Pittsburgh Wallhide Flat Wall Paint—

### The One-Coat "Vitalized Oil" Paint for Interiors

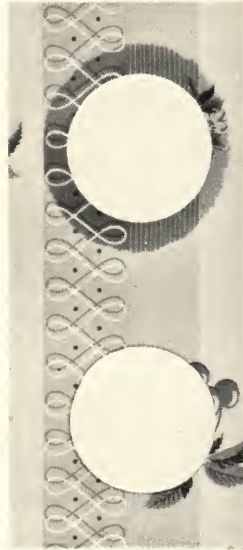
Now Pittsburgh Wallhide Flat has been formulated to produce an oil base wall paint that will cover most any surface—plaster, cement, wood, brick, metal, wall-board and wallpaper—with one coat.\* It is not just as good—but far better than former wall paints, a real professional finish designed for use in homes, public buildings, schools, hospitals, office buildings and stores.



Wallhide possesses many unusual characteristics—the most outstanding of which are:

1. It's a real oil-base paint.
2. Can be used on any surface—including wallpaper.
3. Ready to use.
4. Goes on easily, spreads uniformly, leaving no brush marks.
5. Hides any surface thoroughly.
6. Dries quickly—paint in morning, move in at night.
7. Cleans easily—can be washed repeatedly.
8. Can be painted over—with uniformly smooth results.
9. Gives walls a rich sheen to make rooms look brighter and more cheerful.
10. Wallhide Flat is furnished in 13 colors and White.
11. The only wall paint enriched with "Vitalized Oil" resulting in controlled penetration. "Vitalized Oil" penetrates sufficiently to bond to the surface, but enough remains in the paint film to keep it live, tough and elastic—and to give long-lasting protection.

\*While Pittsburgh Wallhide Flat Wall Paint will cover most any surface satisfactorily with one coat, it is preferable to use Pittsburgh Wallhide Primer-Sealer or First Coater as a primer on new work. With the two dark colors in the line, the surface **MUST BE PRIMED** for all applications.



## Pittsburgh Wallhide Semi-Gloss and Gloss

For the busy rooms, where cooking and washing are the daily activity, Pittsburgh Wallhide Semi-Gloss or Gloss Wall Paints, offer excellent service. Grease, ink and pencil marks are washed away with a minimum of effort. This washability makes them the practical material for use in baths and laundries.

Pittsburgh Wallhide Semi-Gloss and Gloss Wall Paint are also recommended for use in hospital rooms, corridors in public buildings, schools, hotels, hospitals, office buildings, and stores. The Semi-Gloss colors are official approved colors of Williamsburg Restoration, Incorporated.

Twelve hues and White in Semi-Gloss; nine hues and White in Gloss Wall Paints.

## Historic Wall Paint

The Pittsburgh Plate Glass Company has been chosen by Williamsburg Restoration, Incorporated, to manufacture and sell approved copies of the colors used in the various buildings of Colonial Williamsburg. There are twelve authentic hues, a White and Primer-Sealer. The finish has an eggshell sheen viewed at most angles, and is flat when viewed head on. Excellent washability is assured and leveling is exceptional. Historic Wall Paints should always be used over the primer-sealer and for best uniformity rolled on or rolled immediately after application by brush.

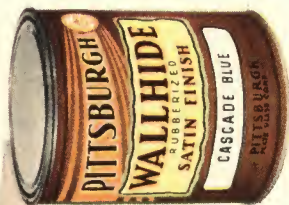


# **WALLHIDE** Rubberized Satin Finish Paint

**A revolutionary new paint that's Velvet-like in Smoothness... Rubber-like in Toughness!**

## **A New Kind of Interior Wall Paint**

A revolutionary product—with a distinctive sheen—scientifically formulated from the best of traditional raw materials and the newest chemicals to give properties never before obtainable, including rubber-like characteristics. Without Pittsburgh's long experience in developing special materials and processes, this product would have been impossible to achieve. It is a product of the world's leaders in paint research who for many decades have contributed a series of remarkable developments to the making of better paints.



## **Rubber-Like Finish Resists Scuffing and Abrasion**

Wallhide Rubberized Satin Finish possesses maximum mar and alkali resistance, durability, washability, even scrubability after drying several weeks. The film does not shine up when washed in a local area and resists wear like a fine enamel.

## **Smears and Stains Wash off Easily and Completely**

Grease, crayon, lipstick, ink spots, and finger smears may be easily removed with a minimum effort because the skintight film prevents foreign materials of this type from penetrating the surface.

## **Remarkable Drying**

The finish dries in one hour to a smooth, velvet-like surface of rubber-like toughness and elasticity which will not crack or rub off and can be washed—even repeatedly scrubbed—without losing its rich sheen. Even missed spots may be filled in without damaging the final appearance. A second coat may be applied after four hours. Curtains and pictures can be hung and the room made ready for occupancy shortly thereafter.



## **Easily Applied with Brush or Roller Coater**

Anyone can apply new Wallhide Rubberized Satin Finish to interior walls and ceilings with certainty of satisfactory results. The product is ready to use and is ideally suited for living rooms, dining rooms, hallways and bedrooms. It glides onto walls with astonishing ease—lap-free, streak-free, and without apparent brush marks. No objectionable odor during application.



## **Controlled Penetration**

Controlled penetration is excellent—that's why no primer-sealer is necessary on walls or ceilings, and uniformity of color is unusual. Wallhide Rubberized Satin Finish is recommended for painting interior surfaces of new or old plaster, cinder or concrete block, brick, wallboard, wallpaper, primed metal and painted wood. New wood should be primed with a wall primer-sealer and bare metal must be primed with a rust-inhibitive primer, but all other surfaces require only one or two coats of Wallhide Rubberized Satin Finish.

This new product is available in beautiful modern colors that fit today's architectural and decorating trends.





# Pittsburgh **SUN-PROOF** House Paint

## Sun-Proof Primer

Pittsburgh Sun-Proof Primer has the following properties:

1. It is specifically designed and adequate for priming the many and various types of exterior surfaces encountered on both new and old work.
2. It is ready for use with little or no thinning.
3. It penetrates sufficiently to secure proper adhesion to old paint or new wood without having its life-giving oils absorbed, thus weakening the foundation for finishing coats.
4. It seals the surface well and minimizes the chance that the finished job will be nonuniform and spotty.
5. It hides much better than primers made by reducing finish coat, consequently two-coat work is satisfactory where formerly three-coat systems were required.
6. The finish resulting from its use minimizes any crawling problem.
7. Its drying is fast enough to resist weather hazards during the painting period.
8. Its working and application properties result in easy and economical use.

## General Exterior

The combination of Pittsburgh's Sun-Proof Primer with a second coat of the proper body color will result in a long-lasting, smooth-as-glass, protective coating, free from "hills and valleys." The special oils used in Sun-Proof products keep the film live, tough, elastic, uniform, resistant to weather wear, cracking and peeling.

## Things You Should Know About Painting...



Where old paint is peeling or chipping, it is necessary to burn off or scrape the entire surface. It's a tough job to repair and level poor paint jobs. Chipping or scraping is often the first step. It will soon start to push off any coats applied on top of it.



Cracks must be carefully filled to prevent moisture from getting into the wood. Nail holes must be filled with putty. All loose boards must be nailed down tightly. Once moisture enters, it pushes the paint film away from the surface, causing blisters.



The wire brushing and sanding process assures an absolutely smooth surface. When the surface is properly prepared, then is the time to apply paint—but not before. Only by painstaking preparation can the right kind of a paint job be done.

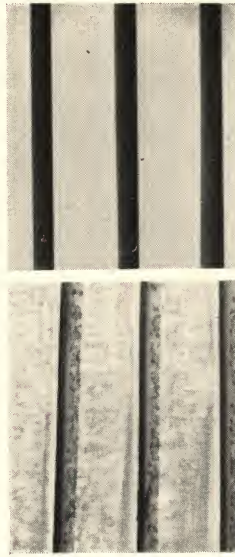


## Sun-Proof Body Colors

Pittsburgh Sun-Proof Body Colors embody all the desirable properties of finish-coat materials, are easy to apply, resistant to color changes, and present a uniform, pleasing appearance throughout their long life.

## Sun-Proof Titanic Outside White

This product is designed for White finishing only. It should not be used as a White base for tinting. Is lead-free and fume-proof and therefore is resistant to discoloration from industrial gases. Pigmentation provides the self-cleaning feature.



## Sun-Proof Tinting White

This is a White base to be tinted to the desired shade with oil colors. Color retention is a feature. Should not be used as a White.

## Sun-Proof Mildew and Fume-Resistant Outside White

Has the features of Sun-Proof Titanic Outside White but contains a fungicide to minimize mildew.

## Sun-Proof Trim Colors

They are quick-drying, contain synthetic resins, usually cover in one coat and possess excellent original and maintained gloss, exceptional color holding and good resistance to mildew.

## Sash and Trim White

Especially suited for exterior doors, etc. Its enamel-like character will resist marring and soiling and will clean up easier than Sun-Proof Titanic Outside White or Body Colors.

## Drying Time

Pittsburgh Sun-Proof White and Body Colors dry in accordance with standard schedules for exterior paints. It is good practice to allow 48 to 72 hours drying time between coats, though a faster schedule is possible during periods of ideal drying conditions. The trim colors dry rapidly and may be recoated or put into service after 12 hours.



After removing can cover, pour at least one-half of the paint into another can. Stir the remaining paint thoroughly from the bottom until uniform. Continue stirring while gradually pouring back the part poured off. Stir paint frequently during application.



A good brush is as important as good paint. Always paint siding edges first, then the flat surfaces. Use brush flat, not edgewise, even when painting underedge of siding. After brushing paint out, finish up with sweeping strokes to level paint to a uniform film.



# Pittsburgh Enamels

**Superior enamels for  
furniture, wood and metal trim,  
wood or cement floors, and  
finest interior trim**

## Pittsburgh Waterspar Enamel

A first-grade, high-quality, synthetic one-coat, quick-drying enamel for exterior or interior general use. Suitable for woodworking, furniture and household objects of all kinds. Application is simple, due to ease with which it brushes and flows. It is resistant to maring and abrasion and may be cleaned with washing compounds and soap.

Furnished in White, Soft White, Eggshell White, Flat White Undercoater 54-97 (Varnish Base for Interior Use), White Undercoater 54-255 (For Wood or Metal), Red Oxide Primer 54-256, Black and Flat Black in addition to 14 modern colors. Flat White Undercoater 54-97 may be used as a finishing coat for the interior where a Flat White Finish is required. Enamels dry dust-free in 2 to 4 hours and hard overnight. Undercoaters and Primers dry for sanding overnight.



## Pittsburgh Florhide Floor Enamel

Pittsburgh Florhide Floor Enamel is a quick-drying, tough, elastic finish specifically designed for use on floors and steps of wood, concrete, and metal, inside or outside and for renewing worn linoleum and printed floor coverings of the linoleum type. It may be used with assurance of satisfactory results on standing surfaces of wood, plaster, concrete and metal. The destructive action of rain, sun, wind and snow on Florhide is minimized because of the excellence of its synthetic resin vehicle composition and the original gloss and color is maintained exceptionally well. Its extraordinary wearing qualities make it an ideal general-purpose paint for industrial use on floors and for dadoes, where resistance to wear and the ability to withstand frequent washings are essential. Florhide on cement floors not only contributes to a handsome new appearance but eliminates dusting, a major cause of dirt formation and wear.

A Florhide Floor Enamel film is hard enough to resist the sturdy shoes of small boys, the dancing feet of teen-age youngsters, and the constant weight and scraping of furniture. It successfully meets these severe service tests because of its extraordinary adherent properties which cause it to bond firmly to the various surfaces over which it may be applied.

## Pittsburgh Architectural Enamel

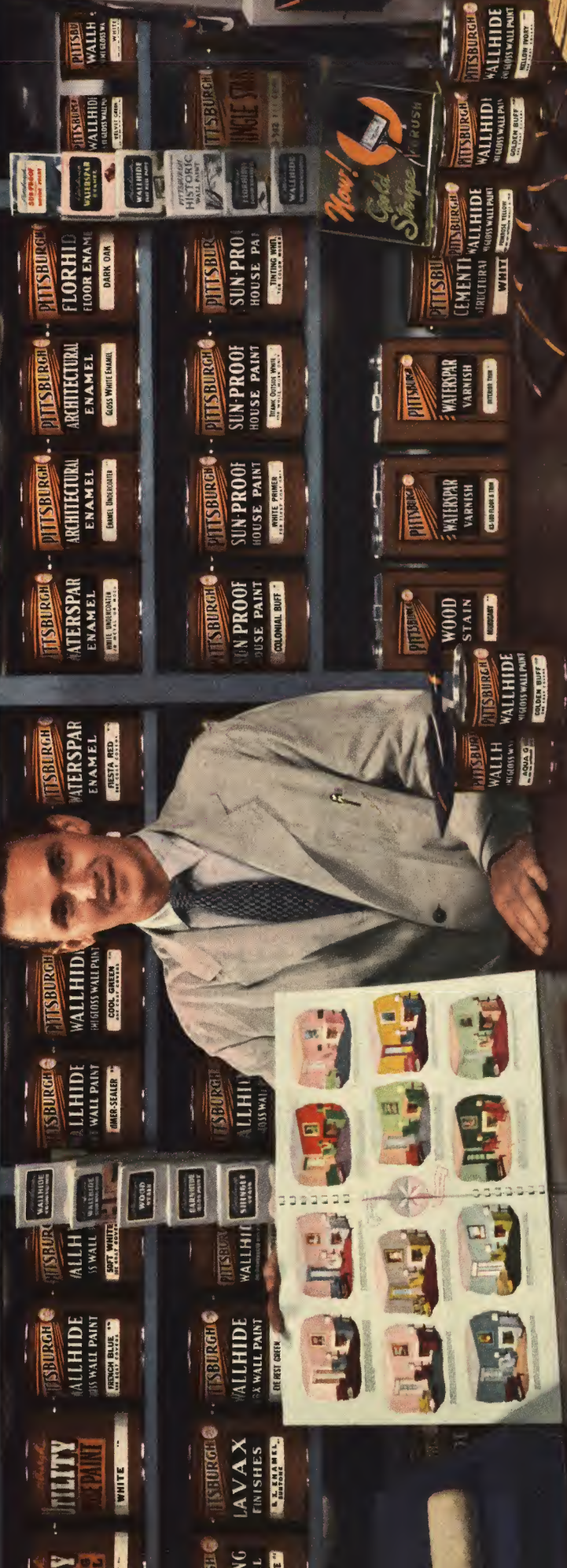
An intensely white enamel, possessing individuality and distinction seldom approached by other enamels. Intended for the finest interior work. Intensely white and will retain this whiteness remarkably well throughout its life. Brushes easily and remains pliable a sufficient length of time to permit picking up sags and runs should they occur, yet sets up fast enough to prevent the collection of dirt. Furnished in Gloss White Enamel, Rubbed Effect White Enamel and Enamel Undercoater. The Gloss Enamel is smooth and brilliant, producing a durable, easy washing finish. The Rubbed Effect produces the appearance of a gloss enamel that has been hand rubbed.

Both may be tinted to light tints with Pittsburgh Fluid Oil Colors or with Pittsburgh Interior Tinters. The Undercoater has unusual opacity, excellent filling properties, is easy to sand and provides the proper foundation to hold out enamel coats. Enamel and Undercoater may be intermixed to produce varying degrees of sheen. Dries dust-free in 4 hours under normal conditions and is ready for recoating overnight.





# PITTSBURGH PAINTS



**Paint Right** with *Color Dynamics*  
**Paint Best** with *Pittsburgh Paints*



# DON'T LET THEM RUIN YOUR NEW HOME



These three enemies of  
interior decoration . . .

## Grease Odors Steam

will launch their deadly attack  
on your new home the day you  
move in unless you stop them . . .

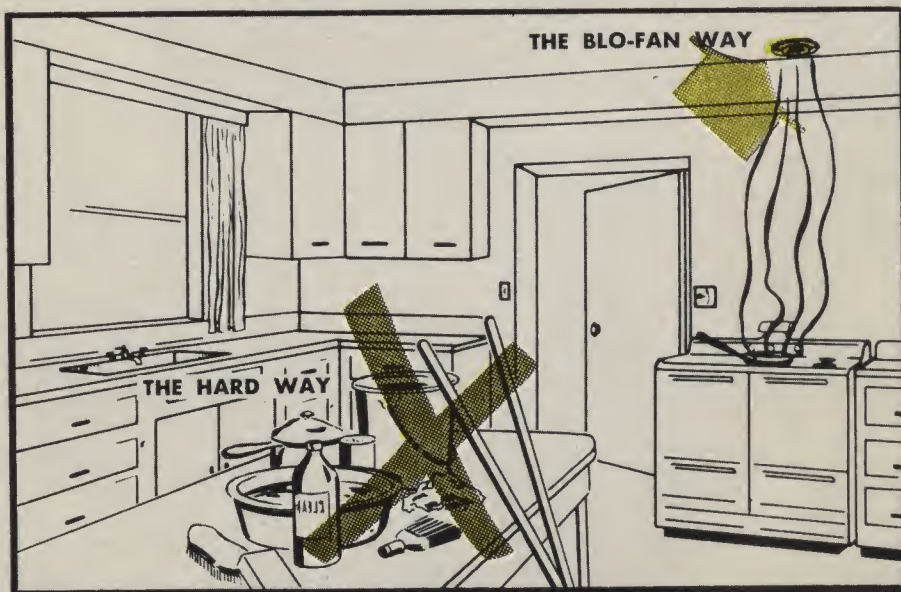
## STOP THEM WITH *Blo-Fan*

ELECTRIC "SPOT" VENTILATOR  
COMBINATION FAN AND BLOWER

Y PROUD OF YOUR NEW HOME BY KEEPING IT FRESH — THE FOLLOWING PAGES TELL YOU HOW



# You can keep that new home look...



## the hard way

Back-breaking work, housemaid's knee, calloused hands—these are the rewards for keeping that new home look the hard way! Steam, grease and odors laugh at your efforts to win your own personal war against them. Then, of course, there is the expense of soap, detergents, mops, cleaning compounds and brushes. Savings on these items alone will pay for your Blo-Fan in a short time—to say nothing of cleanliness, extra leisure and more comfort... Add hours of pleasure to your day with Blo-Fan—it costs so little... saves so much.

## the Blo-Fan way

A Blo-Fan "Spot" ventilator is installed directly over the point of air pollution, where a fan belongs. Thus, Blo-Fan helps nature whisk away steam, odors, and fumes as they rise, before they can spread. They don't have an opportunity to soil walls or ceiling.

Be sure your home ventilators are Blo-Fans—for twenty-six years Pryne and Company has been satisfying home owners by making superior ventilators designed particularly for domestic use—don't say "fan" say "Blo-Fan"... There is a difference!

## WHERE TO "SPOT" BLO-FAN

### BLO-FAN IN THE KITCHEN

Whisks away steam, greasy cooking vapors, and unpleasant odors... Keeps the housewife's workshop clean and comfortable.

### BLO-FAN IN THE LAUNDRY

Assures springtime freshness in any weather—hot steam is expelled immediately... No need for a new hair-do after wash day chores are done.

### BLO-FAN IN THE BATH

Eliminates embarrassment, steam-streaked walls, and fogged mirrors... It takes more than plumbing to make a bathroom.

### BLO-FAN IN THE GAME ROOM

Means no more "morning-after" mustiness—no irritating liquor fumes and tobacco smoke... When used as a spare bedroom, it's like sleeping outdoors.

## WHAT PEOPLE SAY...



DOCTOR—"Keeps contaminated air from spreading. It's good for your family's health, comfort and good humor."

ARCHITECT—"Installation directly over the point of air pollution is where a home ventilator belongs to move more air quickly, quietly, and more efficiently."

HOME ECONOMIST—"Cooking cabbage or frying fish and onions is a real problem unless you have a Blo-Fan."

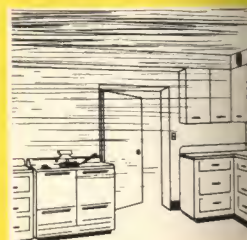
HOUSEWIFE—"With my Blo-Fan running I scarcely know the range is on—and my kitchen walls and woodwork stay so clean and dry."

INTERIOR DECORATOR—"The ideal ventilator should have a minimum opening and an attractive grill—you know, like Blo-Fan."

Blo-Fan Meets All These Requirements—and then some!

# Here's how Blo-Fan does it!

Don't be satisfied with  
half-way measures



\* Trade Mark Reg.

# Blo-Fan save



# ONLY *Blo-Fan* HAS THIS PATENTED BLADE

## FAN

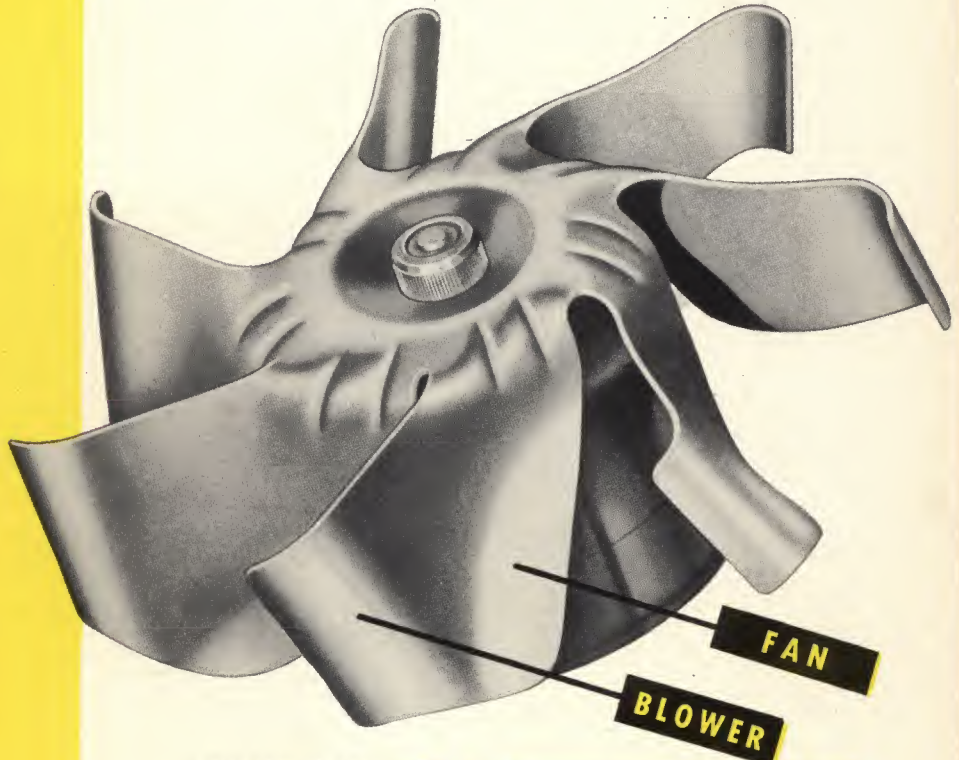
Fan—75% of the air moved by a breeze fan is thrown from the blade tips. The center is so weak that when the air meets resistance it is merely sucked back into the center and recirculated. A fan delivers volume, but lacks power.

## BLOWER

A blower draws a smaller amount of air into the vortex, discharging it with greater power, thus overcoming resistance. A blower delivers air with power, but lacks volume.

## BLO-FAN

Blo-Fan combines the volume of a breeze fan with the power of a blower. The fan portion of the blade feeds air to the blower portion, thereby discharging more air faster.



is what happens in a kitchen where the fan is placed directly over the range:

greasy cooking steam and odors rise until they strike the ceiling and spread. 2. They must literally be dragged across the ceiling to the fan. 3. They are caught in cross drafts and blown into other rooms. 4. If a fan is placed in an outside wall and an adjoining window or door is left open, most of the discharged air will come directly from the door or window, leaving most of the room unaffected.

is what happens in a kitchen which has a Blo-Fan "Spot" Ventilator:

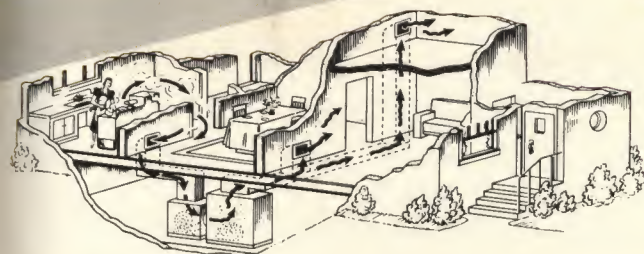
Blo-Fan removes foul air where nature is trying to get it over the source. 2. Blo-Fan acts as a "booster" to natural ventilation, helping nature remove polluted air. 3. Blo-Fan keeps greasy cooking steam from striking the ceiling or settling on walls and furnishings. Practically eliminates spread of odors through the home. 4. Blo-Fan insures cleanliness—provides maximum protection to health and comfort.

### BLO-FAN IS EASY TO CLEAN

Grill and motor assembly may be easily removed for cleaning by merely unscrewing the large center cap—no tools required. Motor is fully enclosed for long life, rubber-mounted for quietness, cooled by the air stream, and is radio-interference proof. Entire unit fits flush with the finished ceiling or wall; only the attractive grill is visible.

### WINTER OR SUMMER

If your home is heated by forced air, the ventilation problem in winter will be aggravated, because unwanted air that escapes from kitchen, bath, game room or laundry will be vigorously circulated through the entire house! Blo-Fan prevents this! If your home is air-conditioned, the summer ventilation problem will be even worse, for with doors and windows tightly sealed, there is no escape for polluted air. Blo-Fan skims it off!



housework! Keeps that new home look...

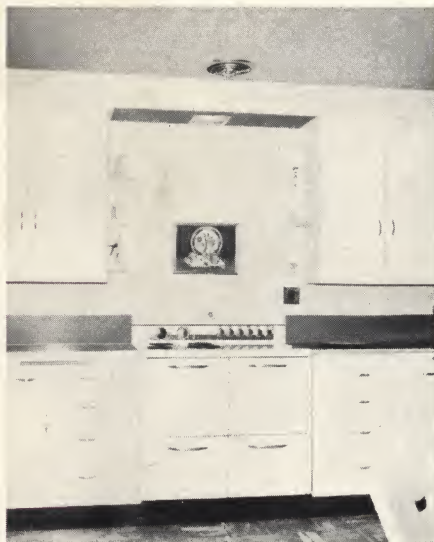


**PRYNE & CO., INC.**

**WALL OR CEILING**

It's all the same to

**Blo-Fan**



The versatile Blo-Fan is designed for easy installation in the best spots—directly above the point of air pollution... It can be installed either in the ceiling or in the wall without sacrificing valuable cabinet space... However, ceiling installation is recommended because Blo-Fan is well above head height where it catches ALL the odors, steam, grease, and smoke. Requires only 3 1/2" behind plaster; uses standard 3 1/4" x 10" furnace duct. Ducts are discharged through the roof, the eaves, or outside wall.

### BLO-FAN SPECIFICATION DATA

Model	CFM		Size	Speeds	Watts	With Elbow	With Wall Cap*	With Eave Cap	With Light Add
	Actual Discharge	Approx. Free Air							
206 "Junior"	175	400	11 1/2 x 13 3/4 x 4 1/4	1	38	206-1A	206-2A	206-3	---
208 "Standard"	300	700	14 x 16 x 4 1/4	1	58	208-1A	208-2A	208-3	-408
210 "DeLuxe"	500	1200	14 x 16 x 4 1/4	9	136	210-1A	210-2A	210-3	-410

\*For frame (thin wall) construction, add -4 to Blo-Fan model number instead of -2A.

**DON'T BE MISLED!** The only CFM figures which mean anything are for ACTUAL discharge. So-called "Free Air" ratings of fans are often 2 or 3 times greater than actual discharge through the ventilator. The "Actual" figures above show what Blo-Fan takes out of the room through 10' of duct and a wall cap. (Merely divide the "Actual" figure into the cubic content of the room to ascertain the air change per minute.)

#### HOW TO ORDER YOUR BLO-FAN

Your architect or builder will specify the correct Blo-Fan by name and model number for the electrical contractor. Just tell him you want Blo-Fan and that it is listed in Sweet's 1952 Catalog—Architects File 29c/PR, Builders File 6d/PR.

Ask your electrical contractor to install Blo-Fan, there is no substitute.

For further information and the names of your nearby distributors just mail the handy self-addressed reply card.

#### GUARANTEE

The Blo-Fan is fully guaranteed against electrical and mechanical defects for a 5-year period, on a pro-rata basis. Blo-Fan is trouble-free!

**IMPORTANT**  
Insist on this trade mark when you get your home ventilators.



**PRYNE & CO., INC.** Pomona, California

Factories: Pomona, California; Newark, New Jersey  
Warehouses: Los Angeles, San Francisco, Chicago, Atlanta

Stocked by more than 700 wholesalers in 350 cities in all parts of the United States and Canada.

ANOTHER  
**Blo-Fan**  
EXCLUSIVE



### 9 SPEEDS FORWARD

This nine-position control switch which is standard equipment on the Blo-Fan Model 210, allows the housewife to regulate the rate of ventilation in her home as easily as she controls the speed of her automobile.



#### FAN AND RECESSED LIGHT

The perfect combination. Extremely popular because it provides a Pryne recessed light in conjunction with the Blo-Fan "Spot" ventilator. 100-watt lamp gives ample illumination for kitchen range.

#### DISCHARGE FITTINGS

The duct from your Blo-Fan normally will discharge through a side wall, through the roof or through an eave, depending on the type of building construction. Fittings are available for all of these conditions.



—1A ELBOW—Used for 90 degree turn of duct from ceiling. Contains baffle to keep air from piling up at turn.



—2A WALL CAP—For masonry construction (brick, etc.). Automatic lower prevents back-drafts.



—3 EAVE CAP—For use where discharge is desired through eaves. Also has automatic lower similar to wall cap.



—4 WALL CAP—For frame construction (stucco, siding, etc.). Discharges away from building. Has automatic lower.

**Blo-Fan**

THE MOST COPIED HOME VENTILATOR IN AMERICA

SEE NEXT CATALOG FOR

\* Trade Mark Reg.

LITHO IN U.S.A.



New Notes In Lighting Harmony



**Pry-Lite**

Modern Recessed Lights With SNAP-ON Fronts



IER PRYNE & CO.  
PRODUCT

Pry-Lites Enhance That New Home Look—Save Housework . . .  
the following pages tell you how



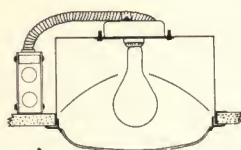
# Enhance your new home with *Pry-Lites*



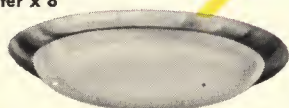
Grace and beauty are captured in the home with Pry-Lites—attractiveness and charm are coupled with tactful harmony. Add to this the sweep of natural contours displayed in the unbroken flow of spaciousness in each room . . . Smooth ceilings and walls, lighting perfectly blended with color and decor . . . Pry-Lites truly give an air of up-to-date distinction to your new home and will add immeasurably to pleasant and enjoyable living.

Regardless of architecture, color motifs or styling, there are Pry-Lite models for every room in the home. They harmonize with every design. New attractive finishes of chrome, copper, brass and painted hammertone grey are richly compatible to the best furnishings and interior decoration. Beautifully patterned glass gives clear, full illumination without glare or dark spots. Pry-Lites are the modern recessed lighting fixtures that give your home real light harmony at all times. Yet, Pry-Lites are so practical that they save hours and hours of tedious and annoying work.

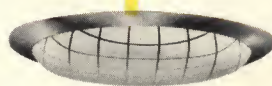
**MODEL 1054**  
150 WATT



Model 1054, 150 Watt  
11" Diameter x 8"



—11 Lens. 100—150 Watts

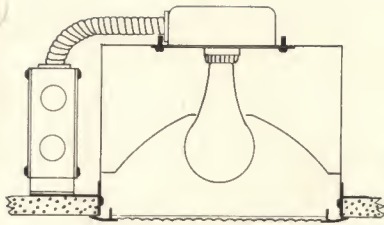
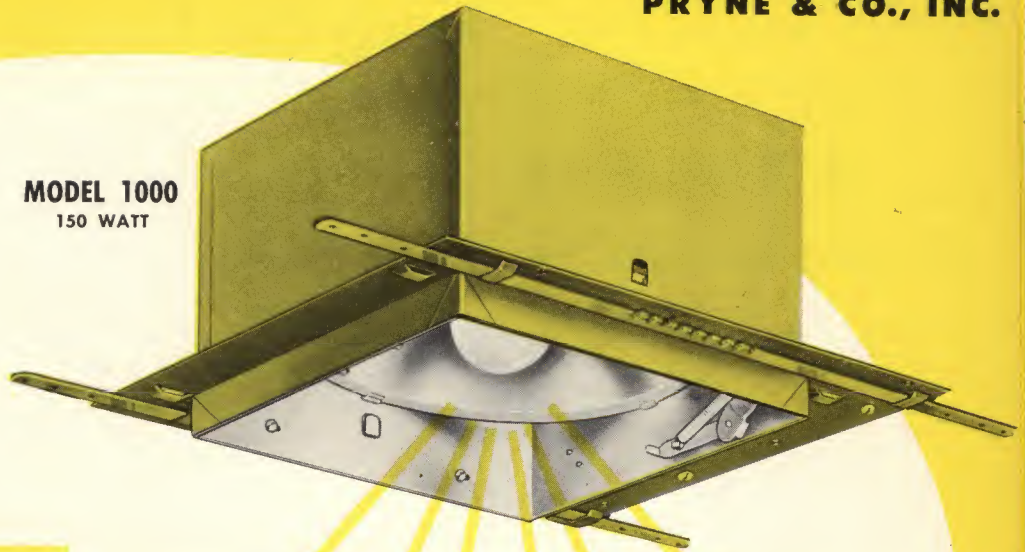


—12 Lens. 100—150 Watts

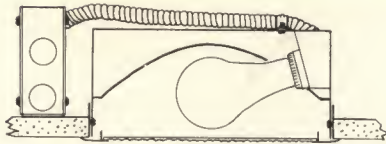




**MODEL 1000**  
150 WATT



Model 1000. 150 Watt  
9" x 9" x 8"



Model 1070, 100 Watt  
9" x 9" x 5"

ousings for Models 1000 and 1070 are similar in size except for height. In the Model 1000 the lamp is vertical for maximum efficiency and life; in Model 1070 the height is reduced to accommodate modern flat-roof construction and the lamp is in a horizontal position.

## Pry-Lites Are Easy To Install

These modern recessed lighting fixtures are exceptionally economical to install. They fit between standard joists or studs and are equipped with easily accessible pull boxes and adjustable plaster flanges that fit any finish. Mounting straps eliminate wiring-in expense.

**Pry-Lites Feature 6 Interchangeable Fronts for the 1000 and 1070 Series.**  
All fronts are available in chrome, brass, copper or painted hammertone grey. (Subject to restrictions)

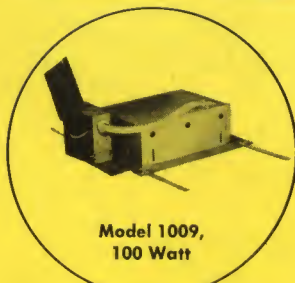
All "1000 series" Pry-lites may be wired with Romex, R, T, or TW wire—NO asbestos wire or separate pull box required.



Model 1075, 75 Watt with R-30 Reflector Lamp



5 1/2" Diameter x 5 1/2"  
Model 1050, 150 Watt with R-40 Lamp also available

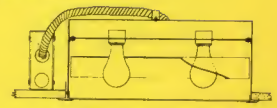


Model 1009,  
100 Watt

-31, -32 and -35  
Lenses are available  
for Model 1009



Model 1003-45, 200 Watt



8" x 18" x 7 1/8"

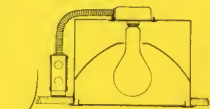


-41 Lens, 200 Watt



-42 Lens, 200 Watt

Model 1067-23,  
200—300 Watt



13" x 13" x 12"



-21 Lens,  
200—300 Watt



-26 Lens,  
200—300 Watt



-22 Lens,  
200—300 Watt



-25 Lens,  
200—300 Watt

**Pry-Lites Feature Moderate First Cost and Economical Installation—They Give You More for Your Lighting Dollar**

**Pry-Lites save housework!** THE NEXT PAGE TELLS YOU HOW...

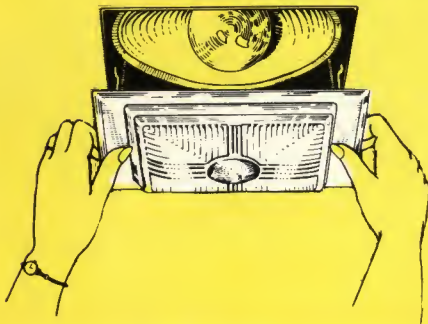


PRYNE & CO., INC.

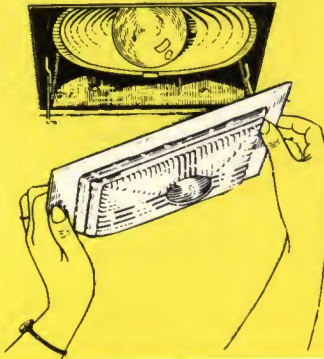
# "Snap-On Fronts"

## ANOTHER *Pry-Lite* EXCLUSIVE!

INSTANTLY INSTALLED—INSTANTLY REMOVABLE



Pull down to relamp.



Easy to remove.



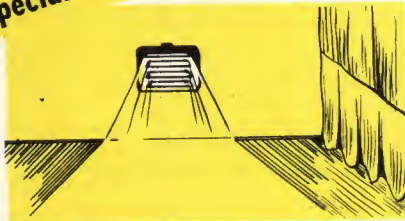
Easy to clean.

**EASY TO RELAMP—EASY TO CLEAN—PERFECTLY SMOOTH FRAME—NO SCREWS—NO HINGES—NO CAP NUTS**

Here is the newest and most sensational feature ever incorporated in a recessed or flush lighting fixture. Fronts and glass that "Snap-on"! They are easy to install, easy to clean

or relamp and instantly removable at any time. The glass is securely fastened in the frame and there are no screws, no hinges or cap nuts to worry about.

### Special Feature Fixtures



#### No. 151—NIGHT LIGHT

Fills a long-felt need where a small amount of floor illumination is desirable at night. Has a built-in switch and AN ADJUSTABLE SHUTTER—permits control of both intensity and spread of light from the 7½-watt lamp. Ideal for nurseries, sick rooms, halls, stair landings. Fits flush with the wall.

3¼" x 4½" x 3⅞"



#### No. 158—AUTOMATIC CLOSET LIGHT

No more feeling for a drop cord or reaching for a wall switch as you open the closet door. This new Pry-Lite recessed closet light comes on automatically. No extra switch or expensive attachment to wire in for control purposes. One little adjustable lever at the top of the door turns the light on and off as the door is opened and closed.

4⅞" x 9" x 3⅞"



#### No. 404—PRY-LITE ILLUMINATED HOUSE NUMBER

Most beautiful, most readable house number available. A Pry-Lite development, using the latest ideas in "edge-lite" illumination. Light travels through the glass from the two ends providing evenness of illumination. Smooth, die cast surface. Finished in brass, statuary bronze and aluminum. Accommodates up to 5 digits.

SURFACE-MOUNTED—11⅞" x 3⅝" x 7⅞"

### HOW TO ORDER YOUR PRY-LITES

Your architect or builder will specify the correct Pry-Lites by name and model number in the electrical contract. Just tell him you want Pry-Lites and that they are listed in Sweet's 1952 Catalog—Architects File 31a/PRY, Builders File 6i/PRY.

Ask your electrical contractor to install Pry-Lites, there are no substitutes.

For further information and the name of your nearby distributor, just mail the handy self-addressed reply card.

### IMPORTANT

Insist on this brand name when you get your recessed lighting fixtures.

# Pry-Lites

ENHANCE THAT NEW HOME LOOK

**PRYNE & CO., INC.** Pomona, California

Factories: Pomona, California; Newark, New Jersey

Warehouses: Los Angeles, San Francisco, Chicago, Atlanta

Stocked by electrical wholesalers in all parts of the United States.





**IN YOUR NEW HOME...** *Electricity* **WILL BE ONE OF YOUR MOST VALUABLE SERVANTS**



*Now is the time to be sure it will serve  
you to the utmost...through the years* ➡ ➡ ➡



# *Your Home* **DESERVES THE**



**E**VERYONE appreciates electricity but few understand it. We take for granted such modern conveniences as electric lights, radio, television, fans, refrigerators, water heaters, washing machines, ironers, electric ranges and kitchen appliances. We seldom consider how electric current comes into our house and what is required to make it a safe and reliable servant.

Electric current flows through wires, just as water flows through pipes. If pipes were too small, you couldn't draw water in your kitchen and in your bath at the same time at full pressure. If wires are too small, you can't add electrical conveniences as you want them. That is why adequate wiring should be built into the house. It is expensive to change later on.

Be sure your plans assure full-comfort wiring in your home. Be sure, too, that they include the **Square D Circuit Breaker**—the modern electric circuit protection which eliminates fuses and fuse replacement.



*Neat and compact, the Circuit Breaker can be installed in any convenient wall.*



# CONVENIENCE AND PROTECTION

## of SQUARE D's CIRCUIT BREAKER

It controls the distribution of electric current and protects your home against the hazards of short circuits and dangerous overloads. It ends FOREVER the annoyance and inconvenience of blown fuses.

The **Circuit Breaker** ELIMINATES FUSES COMPLETELY. When a short circuit or dangerous overload occurs the circuit is cut off automatically. A simple movement of a non-metallic shock-proof lever restores current unless danger still exists. The **Square D Circuit Breaker** is approved by Underwriters' Laboratories for all home construction.

**Circuit Breakers** are the most modern electrical control available. They are not expensive and, as your electrical contractor will tell you, they cost no more to install than fusible equipment.

✓ Ask your architect to specify Square D Circuit Breakers

✓ See that your contractor installs Square D Circuit Breakers



### *Remember these 3 Important "Musts"*

**ENOUGH CIRCUITS** to spread the electrical load. If too many appliances are in use at the same time and on the same circuit, your appliances can't serve you as efficiently as they should.

**ENOUGH OUTLETS.** By providing for enough outlets in every room, you do away with long extension cords. Also, you allow yourself complete leeway in rearranging your furniture.

**THE SQUARE D CIRCUIT BREAKER.** It ends, forever, the annoyance and inconvenience of changing fuses. Nothing to forget—nothing to replace.

No annoying delays. Current is restored when it is needed.





*It's easy* **TO GET THE PROTECTION AND CONVENIENCE OF  
THE MODERN CIRCUIT BREAKER IF YOU WILL INSIST...**

1. *That the architect specifies Circuit Breakers in your plans.*
2. *That your contractor installs them.*

NO OTHER FORM OF ELECTRICAL PROTECTION CAN GIVE YOU  
ALL THE CONVENIENCES OF THE SQUARE D CIRCUIT BREAKER



*Be sure* **IT'S SQUARE D BECAUSE...**

- **Square D** has been the pioneer in the designing and manufacturing of residential circuit breakers.
- **Square D Circuit Breakers** are now protecting millions of circuits throughout the world.
- **Square D**, as your architect, builder or electrical contractor will tell you, symbolizes quality and dependability throughout the electrical industry.



**SQUARE D COMPANY**

DETROIT

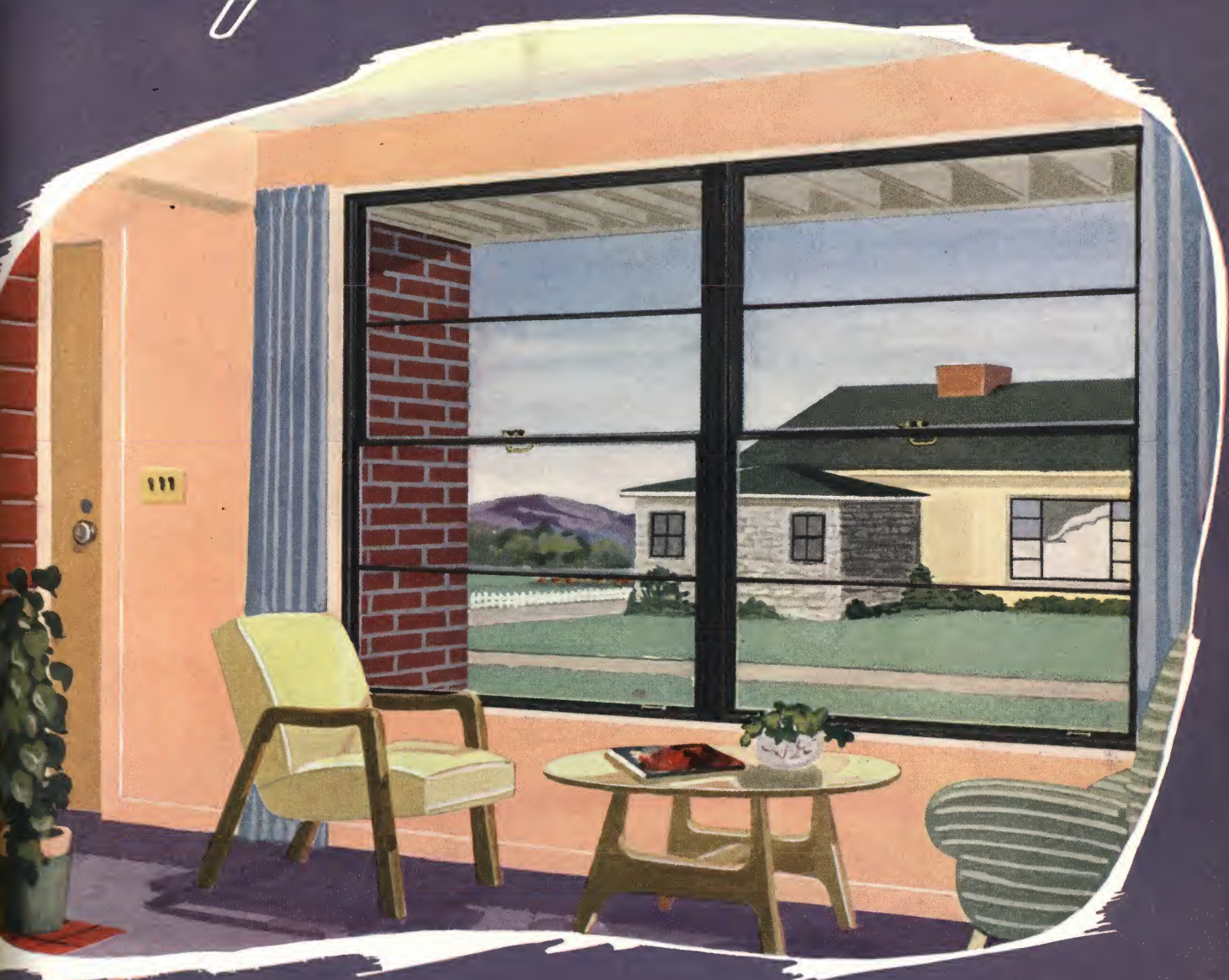
MILWAUKEE

LOS ANGELES

SQUARE D COMPANY CANADA LTD., TORONTO • SQUARE D de MEXICO, S. A., MEXICO CITY, D. F.



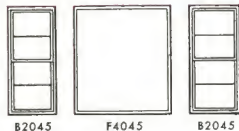
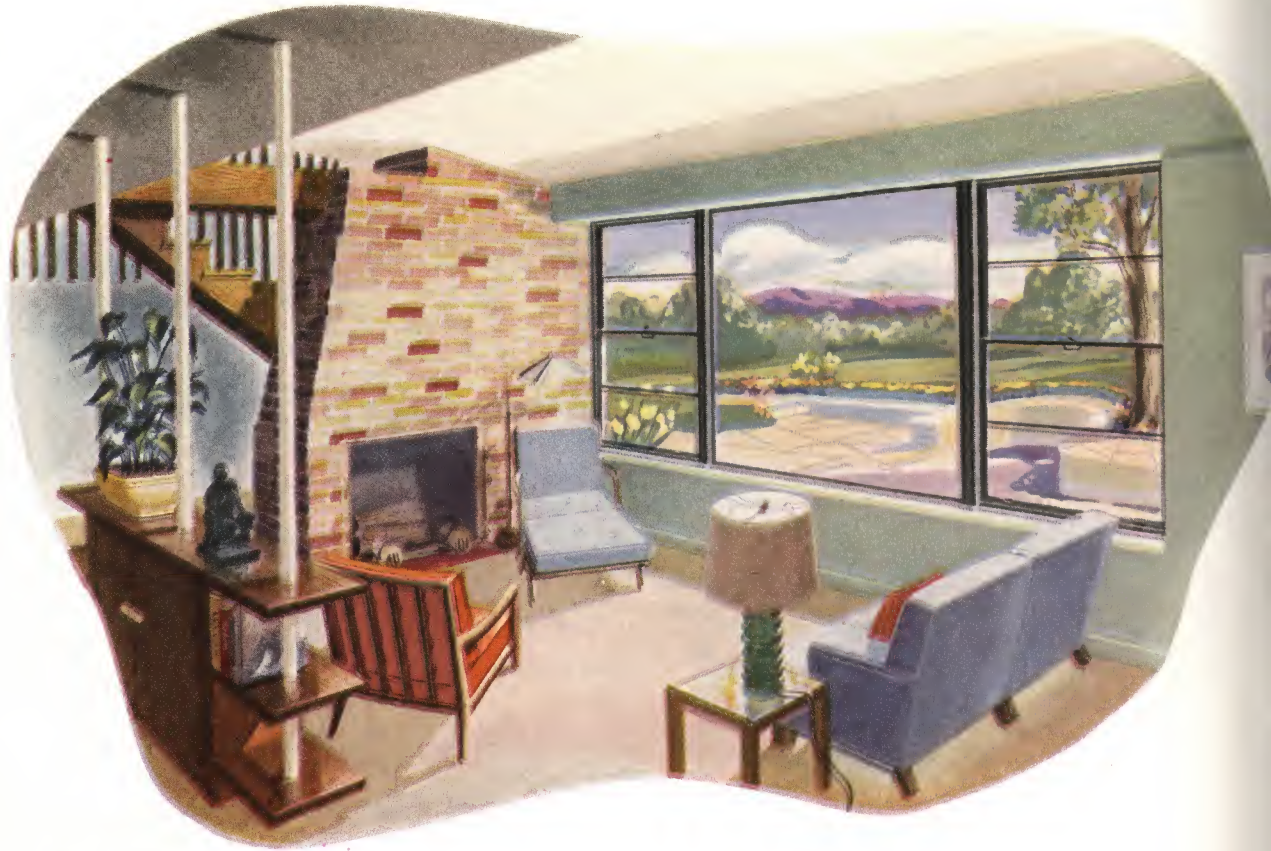
# Truscon



**RESIDENTIAL STEEL WINDOWS**

**DOUBLE-HUNG AND CASEMENT TYPES**





*Truscon* **RESIDENTIAL**

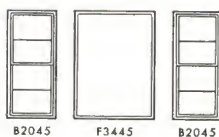
The Truscon Residential Double-Hung Steel Window incorporates many special features not found in other windows of similar type or function. Of major importance is the fact that the sash members are of tubular construction. This adds greatly to the strength, durability and finished appearance of the window. Weights and cords are absent from this window. Operation is controlled by spring balances equipped with tapes of stainless steel. Quiet, positive action and long, trouble-free life are assured.

Screening is easily and attractively accomplished through the inclusion of a rebate on the exterior of the window frame, which permits flush installation of screens and combination screen and storm sash units.

The low cost is reflected not only in the window price but in all accessories. Frames are prepared to receive screens and storm sash of the simplest and most economical type. Shade, drapery, curtain or venetian blind fixtures, of standard types, are easily attached to the interior side.

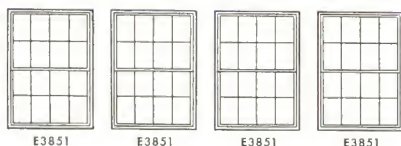


# Features



## Double Hung STEEL WINDOWS

SERIES 138



**FOR DURABILITY.** Truscon Steel Windows have a reputation for proved durability. The skill and experience which produced the design and construction for windows in such famous structures as the Empire State, Marshall Field, Rockefeller Center and U. S. Department of Commerce buildings is the same skill and experience that goes into the design and construction of Truscon's Residential Double-Hung Steel Windows. The window is electro-galvanized, Bonderized and given a baked-on prime coat of paint.

**FOR FINGERTIP CONTROL.** Even a child, using only her fingertips, can raise or lower Truscon Double-Hung Steel Windows with ease. Precision manufacturing methods and the motor-spring type spring balances with tapes of stainless steel make this possible.

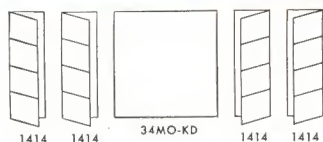
**WON'T RATTLE, WARP, STICK, ROT.** Open or closed, these precision-made windows never rattle. And because they are of STEEL, they cannot warp, swell or shrink.

**FOR SMART APPEARANCE.** The trim, slim lines of Truscon Residential Double-Hung Windows produce a clean-cut modern beauty that adds distinction to any building. The slender frame and muntin bars provide a minimum of obstruction and permit more light. Moreover, their beauty is permanent, because these windows are made of STEEL.

**WEATHER-TIGHT—SAVES FUEL.** Snug fit, and built-in stainless steel weather-stripping make these windows weather-tight. They lock the weather OUT . . . and help to cut heating costs.

**THEY COST NO MORE.** Most amazing of all, Truscon Double-Hung Steel Windows cost no more to buy and install than ordinary windows. Completely factory assembled and delivered ready for installation, their cost will fit the budgets of the most modestly priced homes. They can be economically installed. And, because of their long life, they cost LESS.





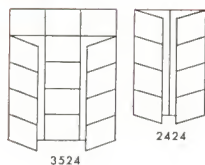
*Truscon* **RESIDENTIAL STEEL**

Just ask your architect or builder about Truscon Residence Casements. Famous for over a quarter of a century, these windows offer the ultimate in trim, modern beauty combined with the durability of steel. Like the double-hung windows, Truscon Casements will thrill you with their noiseless, fingertip operation. They'll please you with their permanence and safety. The screens and insulating windows for these casements are produced in exclusive Truscon design that matches the unexcelled quality of the Truscon Casement Window itself.

Yes, it may be hard to believe — but it's true! The cost of these windows will not make you stretch your budget a penny! And now, just think what you get!

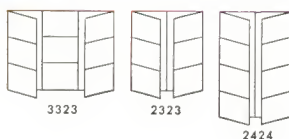
Windows with all the strength, durability and fireproof qualities of steel! A window whose smart, trim, modern lines offer beauty that is permanent. A window that will never rattle or stick because steel will not shrink or warp. A window that locks out unpleasant weather and saves you money by cutting heating bills. These are **PLUS VALUES — at NO EXTRA COST!**





# Casements

## SERIES 5



# Features

**WIDE SWINGING VENTS PERMIT CONTROLLED VENTILATION.** In rooms where windows are opened and closed frequently or where ventilation needs are great and varied, Truscon Residence Steel Casements fill a utilitarian need, in addition to being decorative. Clean, bright, air-controlled kitchens are possible and a slight, fingertip touch adjusts window opening. Side hinged casements can be so opened that they invite or retard the flow of air. High, small or unusually placed window openings all become more useful and attractive when fitted with Steel Casements.

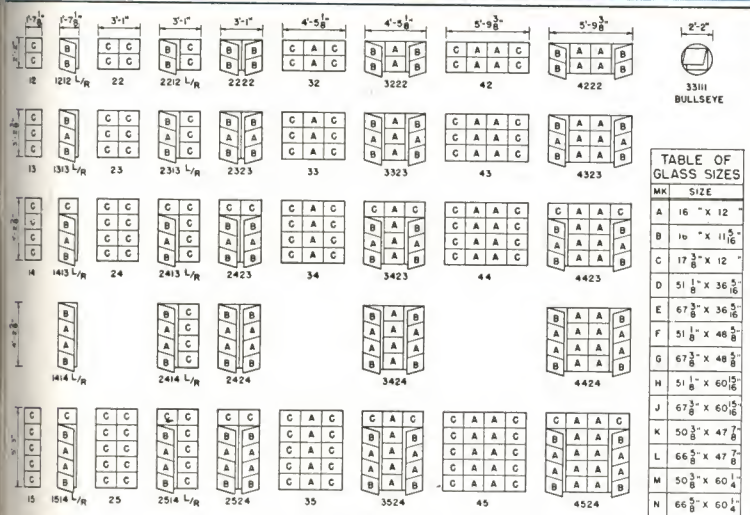
**BEAUTIFUL PICTURE WINDOWS FOR THE HOME.** Windows either add to or detract from the appearance of your home. Steel Casements, due to their flexibility in design and arrangement, add a welcoming charm that is irresistible. Their wide swinging vents, their pleasing glass panels, seem to invite you to stop and see the beauty that lies within. Their slender and graceful lines offer practically no barrier to light. They let the glorious sunshine and beautiful vistas in. Steel Casements harmonize with all styles of architecture.

**SLENDER LINES ADMIT MORE LIGHT AND VISION.** Look at those smart, trim lines! There's a note of modern beauty here that can't be missed. Yes — and the beauty of these Truscon Casements is permanent because they are made of steel. Take note of the larger glass area. Imagine how their streamlined beauty and grace will adapt themselves perfectly to your personal plans for decorating your new home. It's fun to plan each room . . . because into each will go some element of your own personality and good taste.

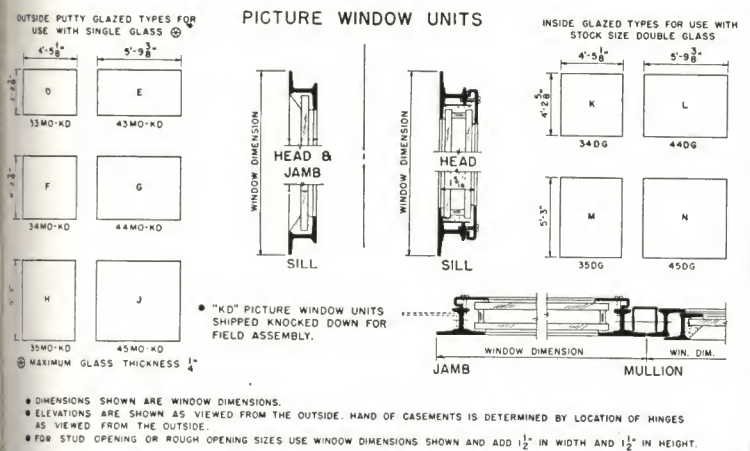








MX	SIZE
A	16" X 12"
B	16" X 11 5/8"
C	17 3/8" X 12"
D	51 1/8" X 36 5/8"
E	67 3/8" X 36 5/8"
F	51 1/8" X 48 3/8"
G	67 3/8" X 48 3/8"
H	51 1/8" X 60 1/4"
J	67 3/8" X 60 1/4"
K	50 3/8" X 47 7/8"
L	66 3/8" X 47 7/8"
M	50 3/8" X 60 1/4"
N	66 3/8" X 60 1/4"

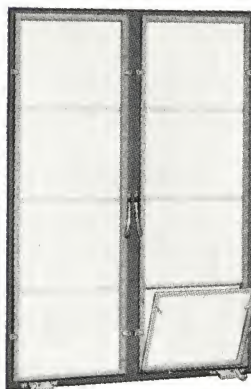


## SCREENS AND STORM SASH FOR TRUSCON STEEL CASEMENTS

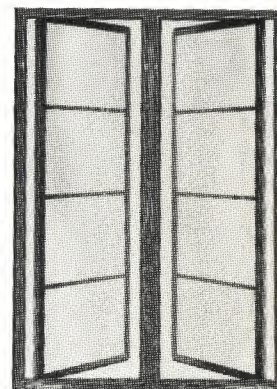
Truscon Casement Screens are easily installed on the inside! They are out of the weather and remain clean and protected. Windows may be opened and closed without removing the screen.

Truscon Casement Storm Sash are quickly and conveniently installed on the inside, too. They fit snug and tight, forming an effective air seal against the transmission of heat or cold.

Both Truscon Casement Screens and Storm Sash are made under direct Truscon supervision, in a special Truscon factory devoted exclusively to this type of manufacture. Standardized production assures precision and economy.



Casement with Storm Sash



Casement with Screens

## TYPES AND SIZES FOR STEEL CASEMENTS

## RESIDENTIAL CONSTRUCTION

requirements of modern construction. It is easy to erect and work over, yet is capable of being formed into unusual shapes for arches, coves, plaster fireplaces, and curved walls and stairways. Metal Lath actually grips the plaster, locking it around the strands of steel, which form the openings, holding the plaster in place, even though subjected to violent shocks and vibration. It is the ideal plaster base to give both crack and fire resistance. Corner Beads and Cornerite give maximum protection to outside and inside plaster corners.

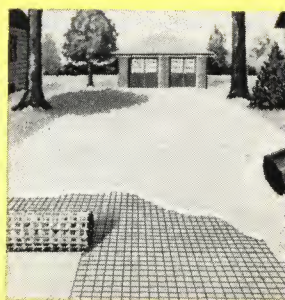
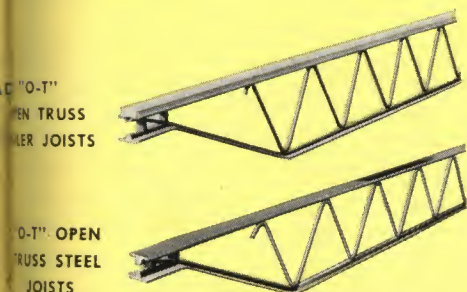
### OPEN TRUSS STEEL JOISTS FOR FLOORS

Truscon Open Truss Steel Joists provide the most permanent and efficient type of floor construction and there are many advantages to be derived from their inclusion in residential construction. They are available in two types: "O-T" Open Truss Steel Joists and "O-T" Open Truss Nailer Joists. The former is used when concrete floors and maximum benefits of fire resistance are of prime importance. However, wood nailing screeds can be incorporated in cases where

wood finish floors are desired. Nailer Joists are provided with a wood nailing strip securely attached to the top chord of the joist, and wood flooring is nailed directly to this strip.

### REINFORCING FOR CONCRETE

Truscon manufactures Welded Wire Fabric and Reinforcing Bars which are used to reinforce and protect concrete slabs in driveways, foundations and floors. This material, properly installed before pouring the concrete, will strengthen concrete construction and guard against cracks, premature obsolescence and costly repairs.



CONCRETE REINFORCING BARS

WELDED WIRE FABRIC





## Truscon RESIDENTIAL STEEL Doors

Truscon Residential Steel Interior Swing Doors and Frames and Sliding Closet Doors are attractive in design. Handsomely modern in appearance. Precision engineered and manufactured, these doors assure smooth, quiet and trouble-free operation. Outstanding economy of labor and material for installation is a major feature. Steel construction protects against warping, shrinking or sagging during the life of the structure. Efficiency of space and operating convenience are special advantages of the sliding closet doors. Truscon Residential Interior Doors are steel . . . are strong . . . are sensible.



TRUSCON STEEL COMPANY Main Office and Plant Youngstown 1, Ohio

Subsidiary of REPUBLIC STEEL CORPORATION

## Features

### SWING DOORS AND FRAMES SERIES 50

**THEY COST NO MORE.** Truscon Series 50 Steel Doors and Frames are designed to compete in cost with doors of any other material; low cost is achieved through the economies of mass production. Additional construction savings are made possible by ease and speed of installation which can be accomplished in less than one-third the time required for "on the job assembled" types.

**STANDARD SIZES.** Doors are of  $1\frac{3}{8}$ " thickness and are available in a pleasing vertical flush panel design, in five width dimensions: 1'-8", 2'-0", 2'-6", 2'-8" and 3'-0". Frames are available in five depths: 2 $\frac{3}{4}$ ", 3 $\frac{1}{4}$ ", 4 $\frac{1}{4}$ ", 5 $\frac{1}{4}$ " and 6 $\frac{1}{4}$ ". Height of all doors is 6'-8".

**ATTRACTIVE HARDWARE.** Four types of locksets are available to meet all normal architectural requirements. They are either Schlage Type "A" or Lockwood Type "SB" with both of bright brass material.

### SLIDING CLOSET DOORS SERIES 51

**SAVE SPACE.** These modern Sliding Closet Doors provide total closet accessibility, more usable floor space and materially reduce construction costs. **ECONOMICAL.** Outstanding economy is obtained through the elimination of material and labor required, (1) to construct and plaster approximately one-half the area occupied by the full width of the Sliding Door opening, and (2) to furnish and install frame, swing door and hardware.

**HIGH QUALITY.** Sliding Closet Doors are precision made of prime quality cold-rolled sheets heavily reinforced for rigidity, thus insuring perfect fit and permanent trouble-free operation. Each door is equipped with two ball bearing rollers, dense felt top guides and rubber bumpers at jams to provide smooth, quiet operation. Finger pulls are fitted into each side of both panels at the factory.

**STANDARD SIZES.** Units are available in four standard widths 3'-0", 4'-0", 5'-0" and 6'-0". Height of all doors is 6'-3".





*It's so*

**IMPORTANT...**



# DON'T LEAVE YOUR HEATING TO CHANCE!

## *To be right, heating must be planned*

No longer do we build a house and then look for a means of keeping it warm. Engineering skill and just plain common sense have taught us to do just the opposite! Today we take the many factors into consideration that affect the heating of our homes and apply them to our basic building plans. Thus, the heating system, as an integral part of our home, functions more efficiently, more dependably, and more economically. Better living through better planning—that's what we mean by planned heating.

## *...planned for the type of home you have in mind*

Will your home have two stories? Or will it ramble? Is it going to have a basement? If so, how large? What about picture windows, stair wells, etc.? All these, and more, are factors your qualified heating dealer must take into consideration before you make your choice.

## *...planned for the size of home you have in mind*

The selection of a heating system, and of a particular unit, depends largely upon the heating job called for in the years ahead. A poor selection will result in either an overworked unit or one that is out of proportion to what you need. The inevitable outcome is needless expense or less heating satisfaction for the winters to come.

## *...planned for the locality in which you'll build*

Climate will have to be taken into consideration as it will affect heat loss, length of heating season, and temperature ranges. Moreover, comparative costs of gas, oil and coal are determined by local availability. Your qualified heating dealer can advise you on these points to help you make a wise choice.

## *...planned for the price you have in mind*

The cost of your heating system is almost entirely determined by all the other factors mentioned on this page. Keep in mind that the best advice you have heard is to install a quality unit. Heating is an investment, not a bargain basement item. A quality unit will pay for itself again and again over the years.

## *...planned for the kind of heating you prefer*

Once you have taken all the above factors into consideration, you are ready to make your choice—*tempering it with any strong personal preferences* you may have. Remember—you expect to live with your heating system for many years—so make certain it's what you really want! If you have any strong likes or dislikes, talk them over with your qualified heating dealer and your builder. Careful pre-planning can overcome many obstacles. Above all—get the right kind of installation . . . get the right heating unit . . . and all the joy and comfort of modern, planned heating will be yours in the many, pleasant years ahead.



LOOK FOR WATERBURY DESIGNED HEATING WHEREVER BETTER HOMES ARE BUILT



## *...first let's consider the simplest of modern heating systems*

**T**he gravity warm air method of home heating is by far the least expensive to install and offers a real economy of operation. However, this type of installation is practical only in homes that meet the following qualifications.

To begin with, the general layout of rooms must be fairly compact with the furnace and chimney located near the center of the basement. The size of the rooms should be average to small and should not number more than 4 to 5 on the first floor.

If your plans agree with those general specifications, you can go ahead with the installation if you so choose. Gravity warm air heat is designed especially for your type of home.

The advantages of gravity heating systems are self-evident. The relative compactness of space allows a simple, extremely economical method of introducing warm air into the rooms above the heating plant. The lighter, heated air flows upward, out of the registers and into the rooms. Heavier, room temperature air flows downward through the grills to be heated. The result is an automatic circulation of air. By the same token, the simplicity of the system makes for an economical installation, thus cutting the original cost to a great extent.

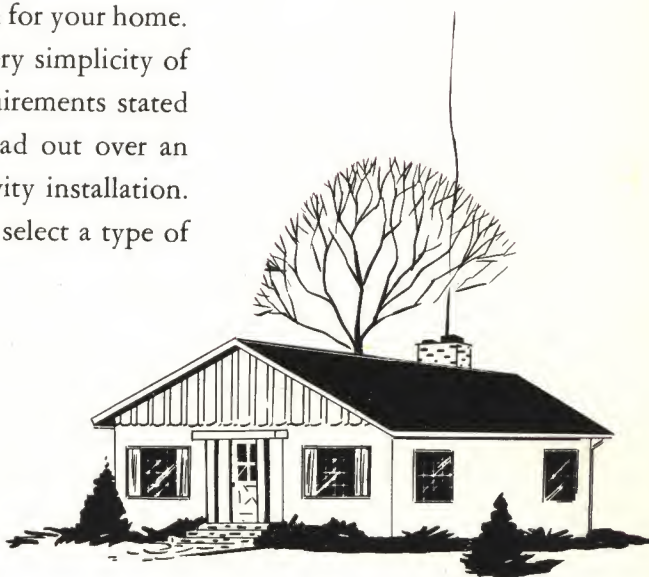
Before you go ahead with the installation of a gravity system, take the matter up with your authorized heating dealer. He'll look over your plans and tell you whether or not this type of heating would be practical for your home. It is important that you take this precaution, because the very simplicity of the system restricts it to just those homes meeting the requirements stated above. A large home, or one in which the rooms are spread out over an unusually wide area, cannot be heated adequately by a gravity installation. It would be wiser, and more economical in the long run to select a type of heating from those discussed on the following pages.

For a prompt and courteous consideration of your heating problems, call your nearest authorized Waterbury dealer.



*Beautiful design—faultless performance—proven dependability... the Waterbury gravity furnace. Models for gas, oil and coal.*

## **GRAVITY WARM-AIR HEAT**



MORE THAN 44 YEARS OF PLANNED HOME HEATING BY WATERBURY







The Waterbury gas or oil fired DownFlo is designed especially for floor panel heat. Models available for the smallest perimeter installation on up to the largest panel heated homes.

... or perhaps your plans call for  
the latest in heating systems

A panel heated home presents an entirely different conception of heating comfort. Because it is something different, it has become a subject of great controversy wherever heating is discussed. A look at what it is, and how it works will help you to decide for yourself—with the aid of a good heating engineer—whether or not it is suitable for your new home.

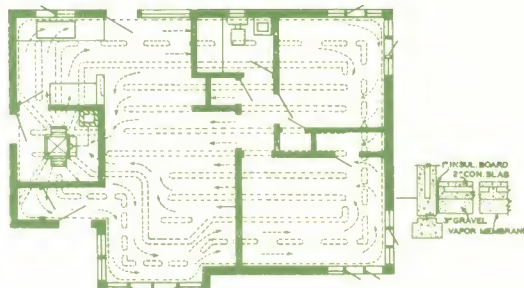


DIAGRAM OF PANEL INSTALLATION

## PANEL HEAT

### What Takes Place in a Panel System

Warm air is circulated through ducts in floor (as shown in this particular diagram) or in ceiling, giving uniform radiation of heat rays to all objects and occupants in the room. This radiation effect makes possible a feeling of comfort at lower than ordinary temperatures. The state of comfort without obvious heat is the closest approach yet to perfect indoor comfort, the final goal of warm air heating research engineers. However, some people like to feel "extra warm," and sometimes sharp outdoor temperature changes call for additional heat immediately. For these requirements—plus the advantages of humidified, filtered air and summer circulation—many heating engineers recommend that warm air registers be built into the panel. Direct warm air heating can be introduced into any room simply by opening the register!

Panel heat has proven itself ideal for the slab type or basementless home. Though the adoption of panel heat *does* add to the cost of construction of your home, it provides uniform heat for all parts of the house with an economical fuel consumption.



Let your Authorized Waterbury Dealer help you by making a heating layout for your new home. He is glad to be of service.



LOOK FOR WATERBURY DESIGNED HEATING WHEREVER BETTER HOMES ARE BUILT



...for your modern basementless home

Newer still is perimeter heat, becoming more and more popular with the builders of basementless homes. By laying warm air pipes in the floor or using a crawl space for heat distribution, a uniform floor temperature is maintained. Registers in each room, located around the perimeter of the house—at the source of greatest heat loss—provide gently circulated, heated air all through the house. This system is ideal for basementless homes. If you have decided upon panel or perimeter heat, the only caution necessary is to make sure you obtain the services of a qualified heating supplier. If he agrees to make the installation, you can rest assured that there is sufficient heating research data and engineering facts behind his decision to guarantee real comfort in the future, the kind of comfort that can come only from modern, designed heating.

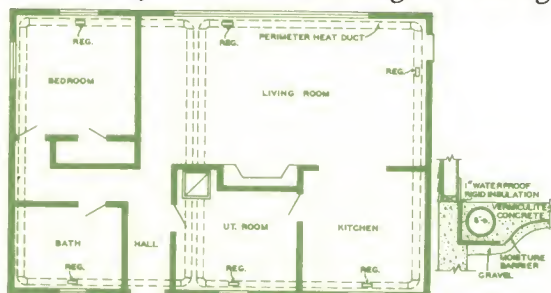


DIAGRAM OF PERIMETER INSTALLATION

### These Modern Types of Heating, Properly Engineered, are Successful

Undoubtedly, shortly after the first moment you decided to build, the subject of panel or perimeter heat entered the picture. Since then, the idea (1) has been accepted wholeheartedly by all members of the family (2) was rejected on the spot (3) has ever since been subjected to great controversy, getting criticism and praise from every direction.

First of all, panel heat, though not new, is different—out of the ordinary. It presents some unknown factors to the average citizen. Add to that the claims of skeptics, now developed into full-grown rumors, and you have enough doubts to discourage all but the most imaginative of home builders. The fact of the matter is that properly installed panel heat has proven successful, and in certain types of homes will provide many advantages not offered by other systems.

For the latest facts on panel and perimeter heat—see your local Waterbury dealer—his advice will help you avoid mistakes.



Waterbury Down-Flo units are designed especially for perimeter heating.

## PERIMETER HEAT



MORE THAN 44 YEARS OF PLANNED HOME HEATING BY WATERBURY







The Waterbury Air Conditioner for perfection in modern home heating. Models for gas, oil and coal.

*... here's heating preferred by  
the majority of today's planners*

Suppose the plans for your home or your own personal preferences have eliminated both gravity and panel heating. Then you probably are looking for the features found in a forced warm air system. This is the most popular type of heating used in homes today. It is easily adaptable to homes of all sizes—large, average and small. Where rooms are large or are to be spread out over an unusually wide area, forced warm air is especially suitable. An explanation of this system, how it operates and what it can accomplish, will serve to point out its particular advantages and enable you to apply its principles to your own particular situation. You will then see why this method of modern home heating has become the most popular in recent years.

## FORCED-AIR HEAT

### What Takes Place in a Forced Air System

Air movement in this type of heating system is controlled by a blower mounted within the casing of the heating unit. Room temperature air is first drawn into the unit and is moved through filters which remove impurities such as dust particles and lint. It is then heated to the proper temperature. As the air leaves the unit, the proper amount of moisture is added, giving it an out-of-doors freshness. The now heated, filtered, and humidified air is forced up through the ducts, expelled from the registers, and moved gently through the rooms. This constantly circulating air provides a freshness and remarkably uniform heat throughout your home—and throughout the heating season. Only through the use of a forced warm air heating system can you secure the advantages, in one package, of humidification, filtration, and circulation. Yes—even making possible the future addition of equipment for automatic cooling, bacteria and pollen elimination—truly the ultimate in indoor climate control!



Your factory-trained Authorized Waterbury Dealer has been helping home builders for many years. May he be of service to you?



LOOK FOR WATERBURY DESIGNED HEATING WHEREVER BETTER HOMES ARE BUILT



*... it's often described as "the ultimate  
in modern home heating"*

**P**erhaps your home will not have a basement, and you have decided against installing panel or perimeter heat. What then? The answer is that you can still have forced warm air heat without sacrificing valuable floor space in order to accommodate a large conventional air conditioning type unit. A hi-boy model air conditioner, such as the one shown at the upper right, is designed especially for basementless homes or homes with part basements where space economy is to be desired. In this type of unit, the blower compartment is located below the unit proper allowing the entire heating plant to be fitted into a surprisingly small amount of floor space—either in the basement or the utility room.



*The Waterbury Hi-Boy.  
Compact for space economy—  
a complete air conditioner—  
models for gas and oil.*

## **Where to Find the Right Heating Unit for Your Home**

Once you have decided upon the type of heating you will have in your new home, you are ready to have the system drawn into your plans. Here, your nearest authorized Waterbury dealer can be of great assistance. His long experience in modern home heating; his particular application of knowledge and skill on every installation; and careful factory training has earned for him the right to represent Waterbury in your area. Ask him for complete information about the Waterbury line—or, better yet, let him show you, firsthand, the complete line of Waterbury units. He has furnaces and air conditioners designed especially for the type of heating you want in your home. Wherever you live—whatever your heating needs, investigate Waterbury first. It's your assurance of modern home heating at its very best.

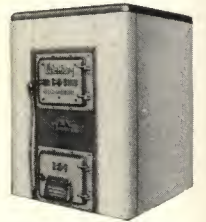
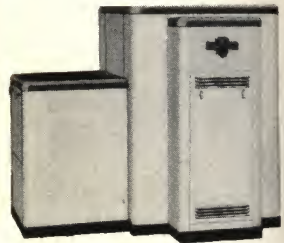
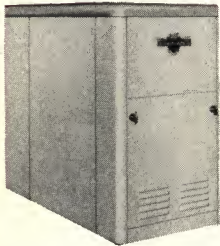
## **FORCED-AIR HEAT**



MORE THAN 44 YEARS OF PLANNED HOME HEATING BY WATERBURY







# Designed Heating BY Waterbury

Waterbury, in their complete line of modern home heating equipment, offers to you the assurance of making the one right selection of a heating unit for your home. You can make that all-important choice and be secure in the knowledge that you will enjoy efficient, dependable, and economical home heating. From Waterbury you gain the confidence of quality. If you don't know the name of your Authorized Waterbury dealer, just write to us. We'll supply you with all the information you need.

*Remember!*

IT'S WHAT'S UNDER THE CASING THAT COUNTS!

*The* **Waterman-Waterbury Co.**  
1147 JACKSON STREET, N. E. • MINNEAPOLIS 13, MINN.





# FOR YOUR ENTIRE HOME *the magic* OF *York* AIR CONDITIONING



You wouldn't be without heating in cold weather . . .  
don't be without York Cooling in hot weather . . .

## YORK RESIDENTIAL AIR CONDITIONING



## IS BRINGING "BALANCED CLIMATE"



## TO HOMEOWNERS FROM COAST TO COAST



Whether you're in the midst of exciting plans for a new home or are planning to remodel, you can now have all the wonderful benefits of comfortable, cool, healthfully filtered, draft-free, dehumidified indoor climate all year 'round . . . with Residential Air Conditioning . . . developed by York.

## YORK RESIDENTIAL AIR CONDITIONING *adds enjoyment to Living !*

When your home is air conditioned you enjoy more restful sleep at night . . . You have more energy for the next day's work . . . Household tasks are easier. Drapes, upholstery, painted and polished surfaces stay cleaner longer . . . Street noises can't intrude, because windows are closed . . . And those who suffer from pollen allergies get blessed relief.

## YORK RESIDENTIAL AIR CONDITIONING *adds value to Your Home !*

Air conditioning is now the major new feature most wanted in modern homes. It not only makes a house more desirable, but also increases its resale value.







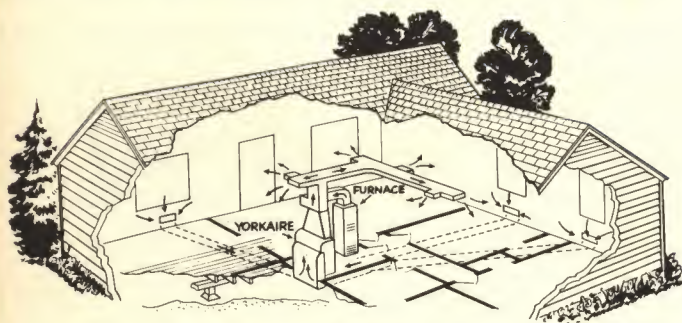
# The first economical method

## WITH A TROUBLE-PROOF, COMPLETELY



• *Ranch mansion in Alabama.* Air conditioning planned from blueprint stage. York Model 550 with custom built air distribution system conditions six unusually large rooms, which enclose some 2500 square feet.

• *Architect chooses York Residential Air Conditioning . . . because comparison showed that York provides many advantages available in no other system.* Model RC 552 is used in conjunction with a modern warm air heating plant.



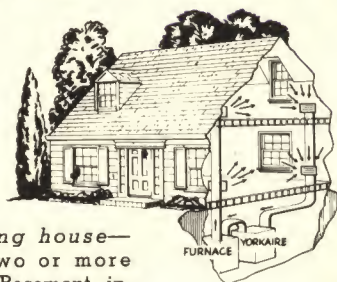
*New House*—all living space on one floor. Service closet installation.

York engineers have designed York Residential Air Conditioning to serve efficiently in homes of any type construction . . . stone exterior, brick, concrete block, wood siding, asbestos shingle . . . single story or multi-story.

Whether the climate is that of the Great Lakes region, the Mississippi valley, east or west coast, or semi-tropical south, York Air Conditioning is economical.

This unmatched versatility, economy and efficiency is made possible by the unique, York-developed *Completely Hermetically Sealed Cooling System*.

These homes typify the many from coast to coast, modest bungalow to palatial mansion, where York provides healthful all-year balanced climate.



*Existing house*—with two or more floors. Basement installation shown here.

*Attic installation*—especially popular in the great southwest.



CONDITIONED  
AIR TO DUCTS

*Basement installation*—of a type operated independently of the heating system.



HC-7



• *Beautiful Tennessee home built originally without air conditioning.* Owner wanted to air condition three rooms, and selected the York RC 200. Heating plant is gas-fired.



### POINTS TO COVER WITH YOUR ARCHITECT OR BUILDING CONTRACTOR

- Number of floors in your new home \_\_\_\_\_ (1) \_\_\_\_\_ (2) \_\_\_\_\_ (3)
- Will there be a basement \_\_\_\_\_ Expansion attic \_\_\_\_\_ Overhead storage area \_\_\_\_\_
- Number of rooms to be air conditioned \_\_\_\_\_
- Number of square feet which you will air condition \_\_\_\_\_
- Kind of exterior wall construction \_\_\_\_\_
- Kind of interior wall \_\_\_\_\_
- Insulation: Wall \_\_\_\_\_ Ceiling \_\_\_\_\_ Floor \_\_\_\_\_
- Outside temperature range \_\_\_\_\_
- Type of heating plant \_\_\_\_\_
- Type of air distribution system \_\_\_\_\_



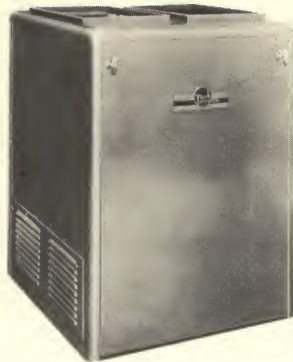
# of air conditioning the entire house

## HERMETICALLY SEALED COOLING SYSTEM

YORK Residential Air Conditioners operate with your heating plant, or independently of it . . . serve during hottest summer months or provide a "balanced climate" all year 'round.



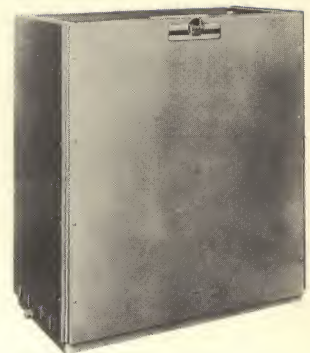
HC-10A



HAC-200



HC-352



HC-552

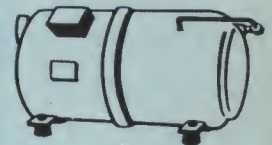


← *The York Completely Hermetically Sealed Refrigerating System . . . trouble-proof as a modern home refrigerator . . . does not require extensive shut-down servicing.*



CORRUGATED  
FINS

← *Unique Cooling Maze Coil cools and dehumidifies more rapidly, efficiently, because of its unusually large cooling area.*



Two generous size special *Filters* comb out dust, dirt, pollen, soot. Cut down housework, cleaning bills.



*Compression Mufflers and Cushion Mounting of the entire mechanism assure quiet operation.*



↑ *Famous Hermetic Compressor. Saves considerable on operating costs because of advanced refrigerant feed method.*

## Basic Advantages YOU GET WITH YORK RESIDENTIAL AIR CONDITIONING



Simplicity of installation



Automatic performance



Ease of operation



—at the lowest possible cost

# Send for Free Brochure

14 Case Histories that show you why homeowners in every section of the country from Maine to California prefer York.

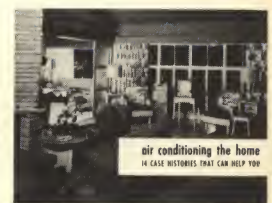
York Corporation  
York, Pennsylvania

Please send me your informative new brochure, "AIR CONDITIONING THE HOME."

Name \_\_\_\_\_  
(Please print plainly)

Street \_\_\_\_\_

Town \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_





# THE FAMOUS YORK ROOM AIR CONDITIONERS

... for the air conditioning of one or more rooms in home or office

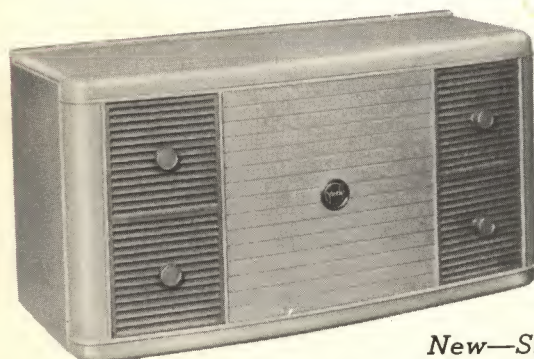


MODEL 13 — ½ HP

York has pioneered in every major development in mechanical cooling since 1885. The name York is your assurance of the finest possible air conditioning, long tested and proved, and available to you at the lowest possible price consistent with the trouble-proof service you want and expect of equipment for your home.



MODEL 24 — ¾ HP



MODEL 4 — ⅓ HP

*New—Still Lower in Cost—* York's sensational new low-cost air conditioner Window Sill Model 4. Adjustable grilles for draft-free circulation. Replaceable filters easily changed without removing cabinet from window. Controls located for instant and easy access.



MODEL 51 — 1 HP

*Another New Development from York.* The larger capacity Window Sill Model. Exclusive Rotary Grille for selective air distribution. All the exclusive, long-life features that have made York the most-wanted air conditioner in America.



MODEL 151A — 1½ HP  
MODEL 201A — 2 HP

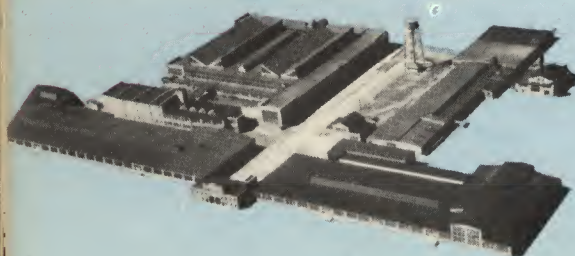
*The Versatile York Twin Conditioner with Step-Matic Control* enables you to have full scale cooling, or ventilation and circulation without cooling, or dehumidification with minimum cooling. Adaptable to two or more rooms.



The big advances come from

# YORK

Headquarters for — Refrigeration and Air Conditioning







**the home owner's manual of kitchen  
planning and decorating, featuring**

**THE WORLD'S NEWEST KITCHEN IDEAS**



***Youngstown Kitchens***



Imagine owning a Youngstown Kitchen



*Youngstown Kitchen*



en *Like one of these!*

Here's real kitchen living, family living, friendly living. Youngstown Kitchens like these, of gleaming white-enameled steel—graceful, beautiful, timesaving, work-saving—are possible for every home, new or old.

Easy to plan, easy to install, and easy to pay for—a Youngstown Kitchen adds value to any home.



Beauty and utility in a compact single-wall kitchen.



Everything handy in this gorgeous U-shape kitchen.

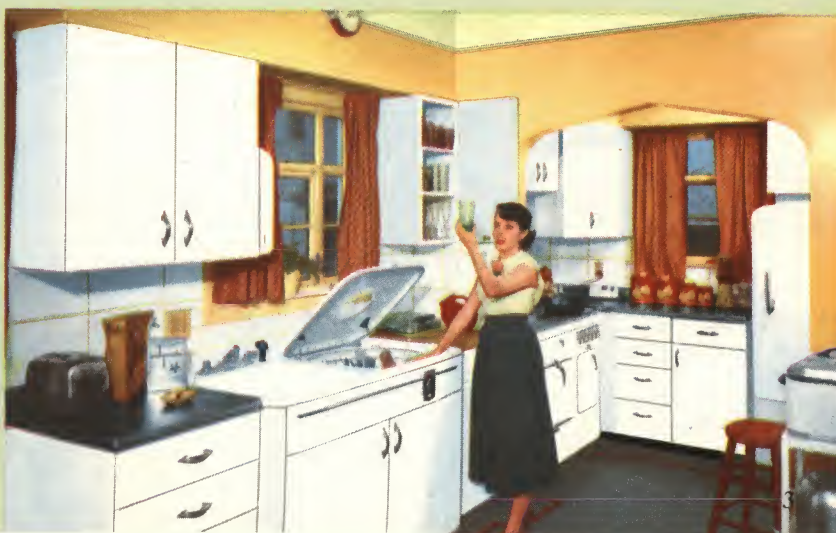


Storage galore, work surface aplenty.



Youngstown Kitchens Jet-Tower Dishwashing . . .

. . . does dishes cleaner, faster—automatically!





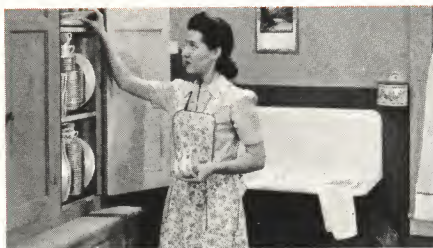
ANY *Existing* KITCHEN CAN BE TRANSFORMED INTO . . .  
 A TIMESAVING, WORK-SAVING YOUNGSTOWN KITCHEN WITHOUT  
 COSTLY REMODELING!



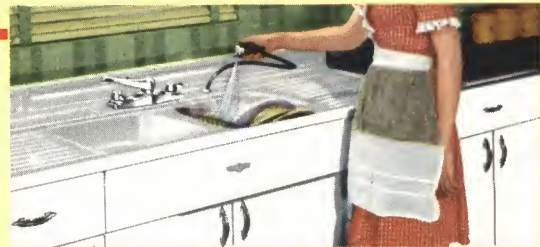
No more crowded, cluttered, ugly sink to make work hard and slow . . .



No more old-fashioned, in-the-way kitchen table to be used as a work surface . . .



No more untidy, overcrowded storage cabinets . . .



INSTEAD, plenty of room for washing, rinsing, and draining dishes with a super-efficient Youngstown Kitchens Cabinet Sink loaded with features to help you.



INSTEAD, wide and spacious work surfaces on Youngstown Kitchens Base Cabinets that fit snugly together to give the greatest possible counter area in your kitchen space.



INSTEAD, roomy Youngstown Kitchens Wall Cabinets, Base Cabinets and Utility Cabinets. Built-in features plus large drawer and cabinet spaces permit you to keep every kitchen item neatly stored, easy to reach.



ANY *New* KITCHEN CAN INCLUDE THESE MODERN FEATURES  
AS PART OF THE NEW-HOUSE COST.



Youngstown Kitchens units are of sturdy steel, finished in long-lasting Hi-Bake enamel. They wipe clean easily with a damp cloth. Handsome trim and fittings stay bright for many years.



But the beauty of a Youngstown Kitchen is more than skin-deep. It brings you conveniences unheard of before. Everything . . . right down to the last detail . . . is designed with a woman's work in mind!

SO LET'S TALK ABOUT YOU!





*Let's start with the sink,*

WHERE  $\frac{3}{4}$  OF YOUR KITCHEN WORK IS DONE!  
CHOOSE FROM 14 WONDERFUL MODELS OF



*Youngstown Kitchens*

## CABINET SINKS

*They're lovely, graceful . . . yet strong as only steel can be! From die-made construction to sparkling finish, these hardy beauties will ease  $\frac{3}{4}$  of your kitchen work for years to come—and you'll make your selection from fourteen luxury models!*



**YOUNGSTOWN KITCHENS 48" TWIN**—a really exciting model! Two big bowls, one extra-deep (11") for light laundry. Removable drainboard slides on one-piece top to cover either bowl or comes off completely. Three large compartments, cutlery drawer, sliding shelf, handy and flexible rinse spray, drain basket, stamped-steel soap-box rack.



**YOUNGSTOWN KITCHENS 66" DELUXE TWIN**—the widest, biggest of them all! Two big bowls, two big drainboards. Rinse spray. Swinging mixing-faucet. Crumb-cup strainer. Fully outfitted undercabinet has five drawers, including compartmented cutlery drawer; two huge compartments; sliding shelf for heavy articles; removable cutting board; soap-box rack on back of center door; drain basket. Also available is beautiful 66" Standard model.



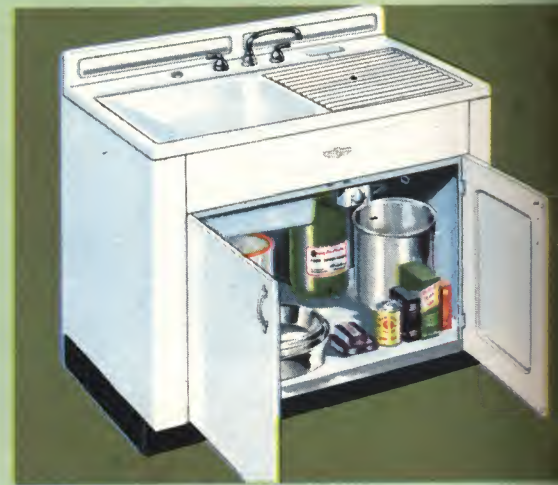
**YOUNGSTOWN KITCHENS 48" TWIN SPECIAL**—outstanding value! Designed to give you all possible conveniences, including two big bowls, huge undercabinet storage compartment, hide-away cutlery shelf, soap-box rack, swinging mixing-faucet. Same sturdy steel construction, same quality one-piece top, same finish!

### NOTE:

Name of each Cabinet Sink indicates width (66" DELUXE TWIN is 66" wide, and so on). Other dimensions for all models: height, 36" from floor to bowl rim; 24" front to back.



**YOUNGSTOWN KITCHENS 54" DELUXE**—decked out in work-saving features! Two wide drainboards. Five drawers, including partitioned cutlery drawer. Giant compartments, sliding shelf, cutting board, stamped-steel soap-box rack, swinging mixing-faucet, flexible rinse spray. Big 54" Standard model also available.



**YOUNGSTOWN KITCHENS 42" TWIN** is ideal for small home or apartment. It's compact, has two bowls—extra-deep (11") bowl, available on either right or left side, is handy for light laundry. Giant compartment, swinging mixing-faucet. Removable drainboard slides to cover either bowl.





**YOUNGSTOWN KITCHENS 42" DELUXE**—a lovely, compact gem! No-splash bowl available on either side. Large, positive-draining, no-tip drainboard. Rinse spray, swinging mixing-faucet, one-piece top. Two wide, deep drawers (one for cutlery). Two large compartments. Steel soap-box rack.

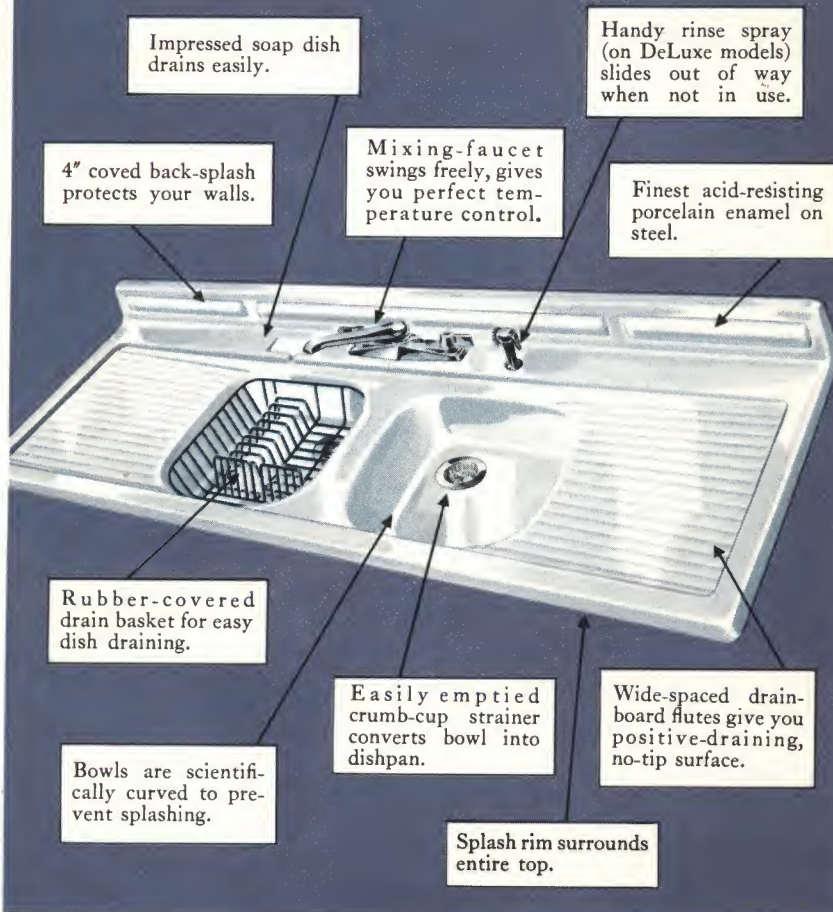


**YOUNGSTOWN KITCHENS 42" STANDARD**—as planning and sturdy as you'll find anywhere for the low price. Same high-quality die-made steel construction as all Youngstown Kitchens units. No-splash bowl on right or left. Huge compartment, sound-deadened doors, swinging mixing-faucet.



**YOUNGSTOWN KITCHENS 42" STANDARD WITH FOOD WASTE DISPOSER**—All Youngstown Kitchens Cabinet Sink drawers open easily even when loaded. Big compartments hold bulky articles. This model has no-tip drainboard, big no-splash bowl available on either side), swinging mixing-faucet.

## EVERY YOUNGSTOWN KITCHENS CABINET SINK HAS A ONE-PIECE, ACID-RESISTING PORCELAIN-ENAMEL TOP!



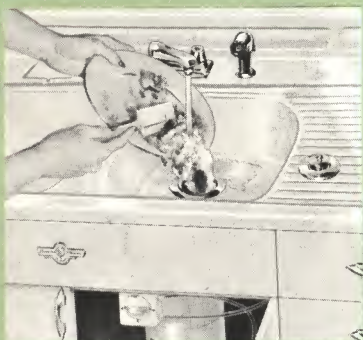
## 27 FEATURES ON YOUNGSTOWN KITCHENS CABINET SINKS

- 1 One-piece, heavy steel top.
- 2 Acid-resisting porcelain-enamel finish.
- 3 Die-made steel construction. No sharp corners.
- 4 Impressed soap dish.
- 5 Sink tops with built-in splash rim.
- 6 4" back-splash.
- 7 Swinging mixing-faucet provides exact temperature desired.
- 8 Trigger-operated, flexible rinse spray.
- 9 Fluted drainboards.
- 10 Drainboards' "no-tip" design reduces breakage.
- 11 Deep, roomy, no-splash bowls.
- 12 Crumb-cup strainer catches refuse. Half-turn converts bowl into dishpan.
- 13 Rubber-covered drainbasket.
- 14 Satin-smooth, Hi-Bake enamel cabinet finishes.
- 15 Easy-to-clean contours.
- 16 Gleaming, chrome-plated handles on doors and drawers.
- 17 Undercabinet has enormous storage capacity.
- 18 Handy, sliding shelf for heavy, bulky articles.
- 19 Sliding, removable cutting board (on 66" and 54" DeLuxe models).
- 20 Drawers provide additional storage for linens, utensils.
- 21 Partitioned cutlery drawer. (On DeLuxe models.)
- 22 Sound-deadened doors and drawer heads.
- 23 Torpedo catches on doors.
- 24 Rubber contact bumpers on doors and drawers.
- 25 Drawers glide easily.
- 26 Recessed toe and knee space.
- 27 Convenient soap-box rack.

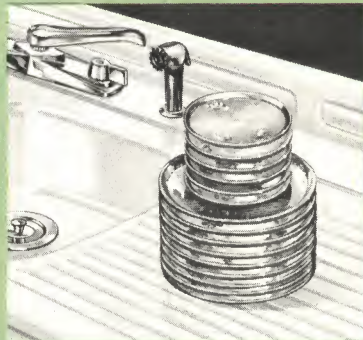
**NOTE:** Youngstown Kitchens Food Waste Disposer can be easily installed in any of these Cabinet Sinks—will repay you its moderate extra cost a thousand times.



# Just 4 easy steps and you're done!



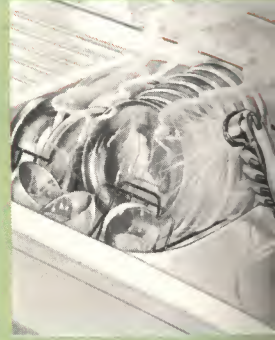
**1 Hand dishwashing** at its easiest and fastest—the straight-line way! Scrape dishes clean over Food Waste Disposer or receptacle. Disposer takes scraps continuously—no stop-and-go feeding.



**2 Stack scraped** dishes on roomy drainboard. Wide-spaced drainboard flutes give no-tip surface—no more wobbling glassware. Plenty of room for all your dishes . . . and sure, positive draining!



**3 Wash** in big, no-splash bowl. A twist of the crumb-cup strainer converts bowl into dishpan. Swinging faucet assures exact temperature control. Soap is handy in rack on the cabinet door.



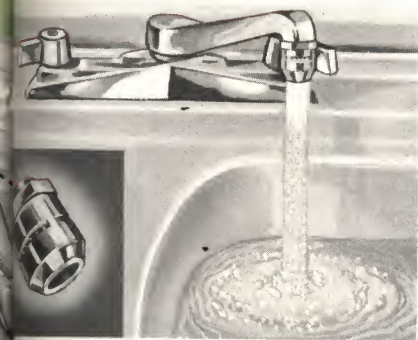
**4 Place soapy dishes** in bowl in second bowl. Rinse-sprayer rinses them all at once, with water so hot they'll dry themselves. You'll hardly have to move them away in nearby cabinet.





# Wonderful cabinet sink accessories

help you every day!



Aerator attachment (extra) for swinging mixing-faucet brings air into the water to give a gentle flow that never splashes.



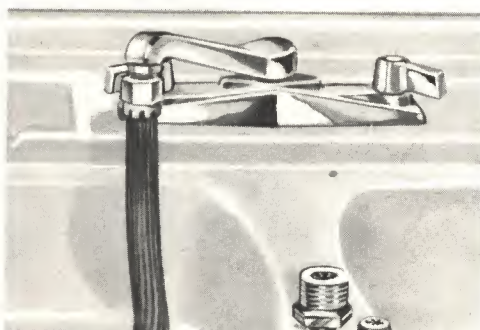
Breads and cakes stay fresh and are easy to reach in the big, handy, ventilated metal bread box (extra). Lid opens easily.



Linoleum-lined vegetable basket (extra) fits in sliding shelf. Plenty of room to keep many vegetables nearby.



Synthetic-rubber drainboard mats (extra) prevent clatter and protect dishes. Fit drainboards exactly and are fluted.



Faucet adapters (extra) make it possible for you to connect hoses to your swinging mixing-faucet. Your choice of outside thread or outside bevel.



Rubber-covered wire drainbasket reduces breakage, allows you to rinse-spray dishes in scalding hot water. Standard equipment in some models, extra in others.



## Youngstown Kitchens

14 luxury models of Youngstown Kitchens Cabinet Sinks . . . all die-made of rugged steel that insures strength, long life, dependability, and beauty.



42" Standard



42" Standard with drawer



42" Deluxe



42" Twin Bowl



48" Twin Bowl Special



48" Twin Bowl



54" Standard



54" Deluxe



66" Twin Standard



66" Twin Deluxe







*there had to be*

**a better way to wash dishes!**

and  *Youngstown Kitchens*  
has found the answer!

## IT'S JET-TOWER DISHWASHING!

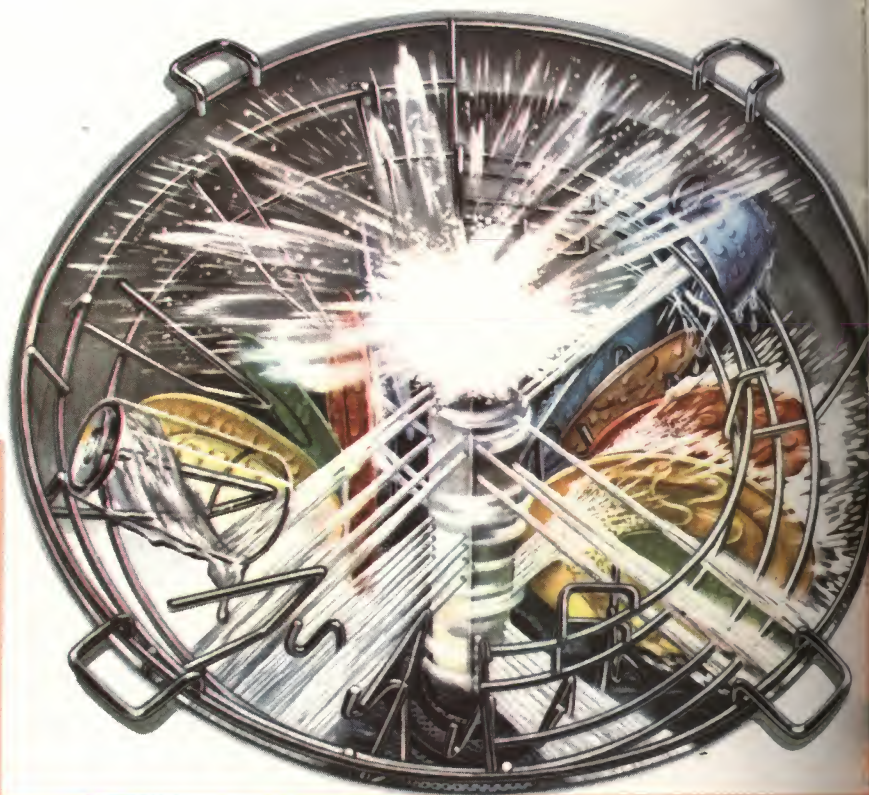
When you see Youngstown Kitchens Jet-Tower Dishwashing, you'll know that all other methods are now old-fashioned.

You'll see 58 jets of booster-heated water (so piping hot your hands can't stand it) cut under food soil and shear it off. Vigorous, top-to-bottom washing action does a job that no man, woman, or other machine can possibly equal—and does it faster, too.

### SEE THE JET-TOWER

Look inside the marvelous Youngstown Kitchens Jet-Tower Dishwasher and see 58 whirling jets of booster-heated water get dishes cleaner than ever before, do them faster than ever before!

Jet-Tower Dishwashing features exclusive Hydro-Brush Action—vigorous, energetic, all-over. No blind spots. Dishes are washed, not just splashed!



### SEE booster-heated water, piping hot!

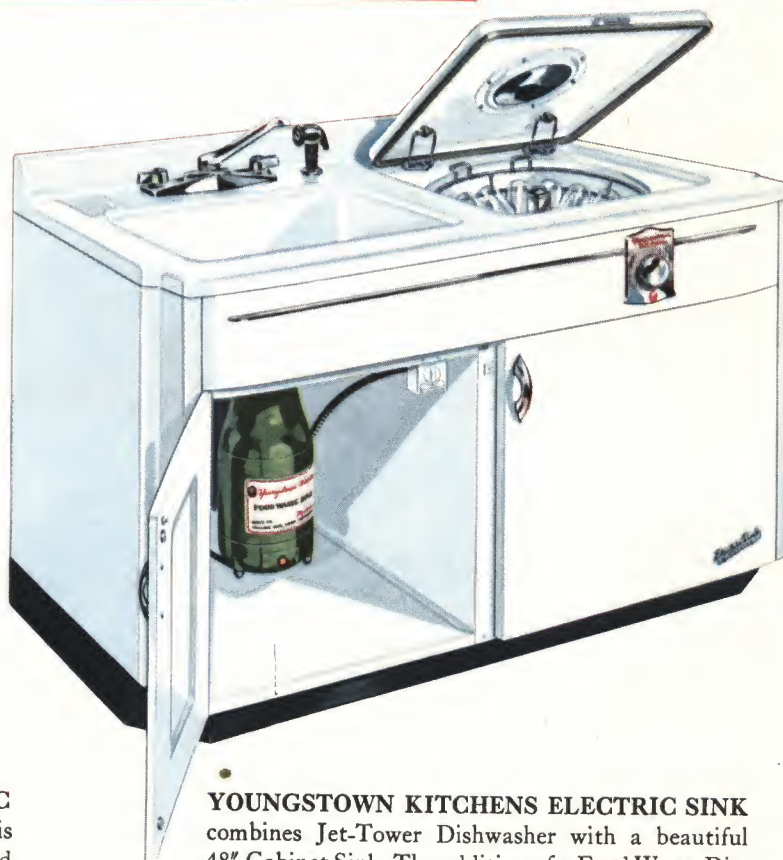
Part of the secret of Jet-Tower Dishwashing is the piping-hot, booster-heated water—so hot your hands can't stand it! Food soil fairly melts away! Inside the Youngstown Kitchens Jet-Tower Dishwasher is a booster heater that insures hot, *hot* water that's just right for dishwashing. It's the perfect answer: piping-hot water plus forceful, top-to-bottom Jet-Tower Hydro-Brush Action . . . exclusive with Youngstown Kitchens Jet-Tower Dishwasher.



## Two exciting models



**YOUNGSTOWN KITCHENS AUTOMATIC DISHWASHER** fits snugly near any sink, is easily installed in any kitchen. Handsomely styled to blend with other Youngstown Kitchens units, cabinet is white-enameled steel, 27" wide. Back-splash protects walls; recessed toe space makes standing easy. Rugged steel construction throughout. Hi-Bake enamel finish wipes clean easily.



**YOUNGSTOWN KITCHENS ELECTRIC SINK** combines Jet-Tower Dishwasher with a beautiful 48" Cabinet Sink. The addition of a Food Waste Disposer is easily made for moderate extra cost. One-piece top of gleaming, wipe-clean porcelain-enameled steel. Handy soap dish. The big undercabinet is finished in sparkling Hi-Bake enamel. Comes complete with splashproof, 8" bowl; swinging mixing-faucet in sparkling chrome; crumb-cup strainer; handy, flexible rinse spray. Ask your Youngstown Kitchen dealer about other features.

## Say goodbye to dishwashing drudgery!



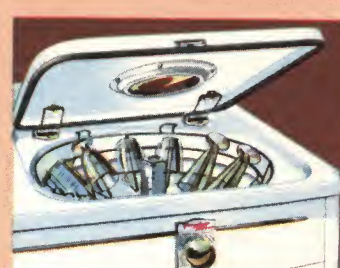
1 Simply scrape food scraps into Youngstown Kitchens Food Waste Disposer or receptacle...



2 Place dishes in Dishwasher ... scientifically designed dish racks position dishes correctly...



3 Close the lid and turn control. Dishes are washed specklessly clean, automatically...



4 When dishes are done, lid opens automatically for fast self-drying!





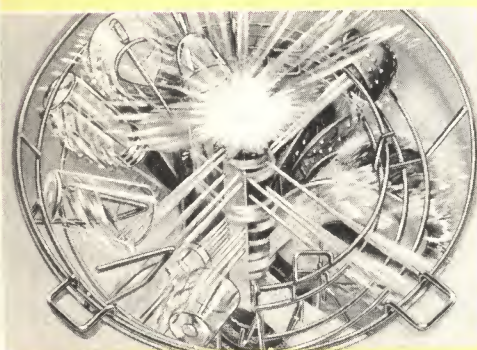
*Youngstown Kitchens*

# JET-TOWER DISHWASHER

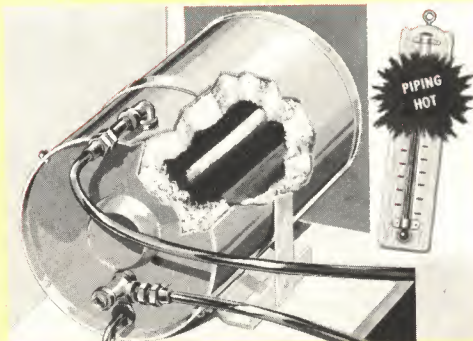
**Exclusive! No other automatic dishwasher gets your dishes so clean so fast!**



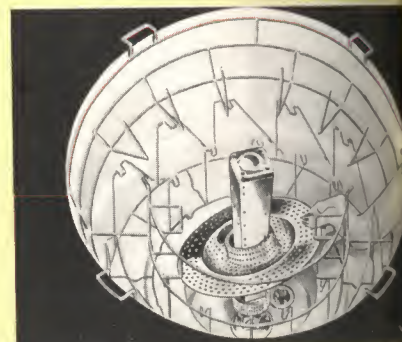
*These features show why!*



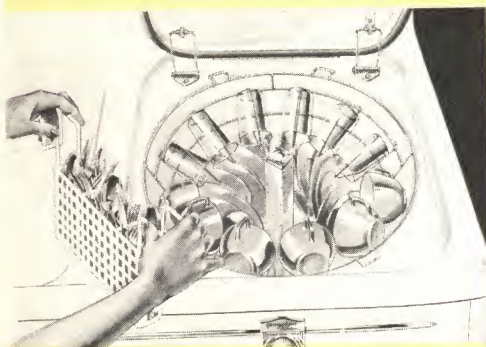
**Jet-Tower Action** reaches every corner, groove, contour of every dish, glass, piece of silver, and utensil. No speck of dirt, no film can hide from this effective, penetrating, scouring action. All food soil is sheared off.



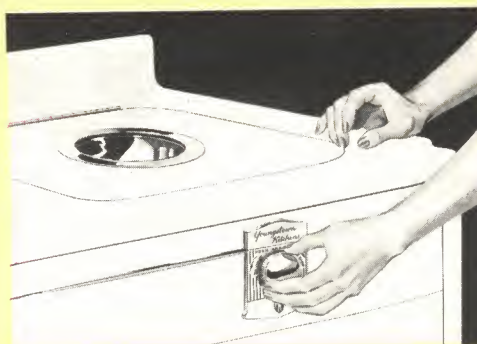
**Thermostatic booster heater** brings water to ideal temperature, keeps it there throughout cycle. Dishes are washed in piping-hot water, hotter than your hands can stand. Porcelain-enamel lining of booster heater won't rust.



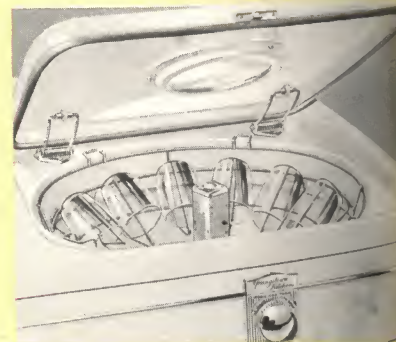
**Scientifically designed round tub** assures complete and thorough dishwashing. Backs and fronts of dishes are vigorously jet-scoured. Water action is complete, all-over, top-to-bottom. Strainers can be lifted out without moving any other part.



**Dish racks** are quickly, easily loaded. They are specially designed for placing any article in perfect washing position. Every article is positioned for full shearing action.



**Lid** is ideal extra work surface when Dishwasher is not in use. Square lid assures perfect seal. Handsome viewing porthole lets you see the energetic washing action. Motor, timer mechanism, and booster heater are easily accessible, easily removable, yet safely out of children's reach.



**Operation** stops whenever lid is lifted, at any time during cycle—lets you add an overlooked dish, eliminates danger if child tampers with lid. Two strong steel hinges maintain perfect top alignment.



*Dozens of other timesaving, work-saving features make the Youngstown Kitchens Jet-Tower Dishwasher the grandest helper you ever had! Ask your Youngstown Kitchen dealer for a demonstration. It's free.*



For complete  
convenience  
and sanitation,

# BANISH GARBAGE FOREVER!



 *Youngstown Kitchens*

## FOOD WASTE DISPOSER

Now you can complete the sanitation cycle that started with indoor plumbing and modern sewage disposal. You can do it with the Youngstown Kitchens Food Waste Disposer that rids your home of the last big menace to health—the garbage can with its unsightly mess and inconvenience.

You keep your kitchen clean as you go, getting rid of food waste while it is still fresh, *before it has a chance to become garbage!* It's easy to use, wonderfully engineered, and ruggedly built to give long, trouble-free service. The Youngstown Kitchens Food Waste Disposer is three ways best.



### *3 ways best*

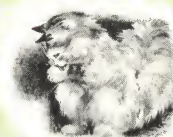


**1 TAKES FOOD WASTE CONTINUOUSLY.** No stop-and-go feeding. Keep it running as long as you have food waste to scrape in.

**2 SELF-REVERSING ACTION** doubles shredder life. Self-reversing motor changes direction each time the unit is turned on. Super-hard, high-chrome-content steel shredders stay sharp and bright.



**3 COMPLETELY SELF-CLEANING!** Food scraps are shredded so fine they actually help clean drain. Self-reversing action changes the direction of water swirl, assures thorough self-flushing.



### *3 simple easy steps*



1. Turn on cold water.
2. Flick handy Food Waste Disposer switch.
3. Scrape food waste into drain opening. That's all!

*Fits the Youngstown Kitchens Electric Sink, all Youngstown Kitchens Cabinet Sinks, and most other modern sinks.*

**NOTE:** Youngstown Kitchens Food Waste Disposer can be used with septic tank of 500 gals. or more capacity.



# Next, choose **BASE CABINETS** that best suit your needs and fit your kitchen floor space

The wide variety of Youngstown Kitchens Base Cabinets makes possible an endless choice of kitchen combinations.

*Expanses of counter space . . . drawers aplenty that slide with ease, even when fully loaded . . . huge, handy compartments and sturdy shelves for your supplies, your dishes, your kitchen tools!*

Now that you have planned your Youngstown Kitchens Cabinet Sink and your dishwashing facilities, you are ready for the next step . . . selecting base cabinets.

You know how much space is available and can readily determine your storage needs. From the broad selection of *sizes* in Youngstown Kitchens Base Cabinets, plan a combination that fits exactly right. Because the choice of *styles* is also complete, you can also take your pick as to how many drawers you'll have and how many storage compartments with shelves. They're separate units, but you'd never believe it when you see them side by side. You'd believe they were one continuous cabinet, custom-designed for your specific needs.



**DOUBLE-DOOR BASE CABINET.** Two deep compartments for pots, pans. Glamorous, colorful top. This 36" model has two drawers. Other sizes, one drawer. Note inset toe space for easy standing. Hi-Bake enamel finish. Available in 21", 24", 27", 30" and 36" widths.

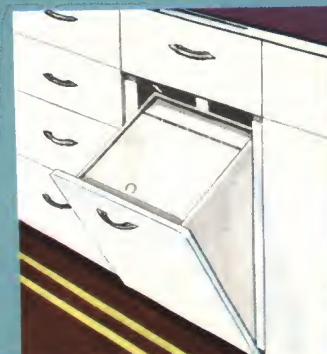


**SINGLE-DOOR BASE CABINET.** Two roomy compartments with strong, sturdy shelves. Big, easy-sliding drawer. Door hinged right or left, closes positively on torpedo catches. Hinges are concealed. Rubber bumpers cushion closing. Two widths: 15" and 18".



**FOUR-DRAWER BASE CABINET.** Four sturdy drawers, two extra-deep, slide smoothly. Wipe-clean, white-enamelled finish. Handsome stainless steel trim, chrome handles. Coved back-splash protects walls. Recessed toe space. Three widths: 15", 21", and 27".

**ROTARY CORNER BASE CABINET.** Three shelves turn easily together to bring any desired article up front. Otherwise-wasted corner space is turned into valuable, usable storage space. Lips on shelves and shield in back keep articles from falling off. Built of sturdy steel and finished in Hi-Bake enamel. Topped in beautiful colors of your choice.



**FLOUR BIN BASE CABINET.** Holds 50 pounds of flour dry and convenient. Bin pulls out, gives easy access to flour. Cabinet has drawer at top. All-steel construction.

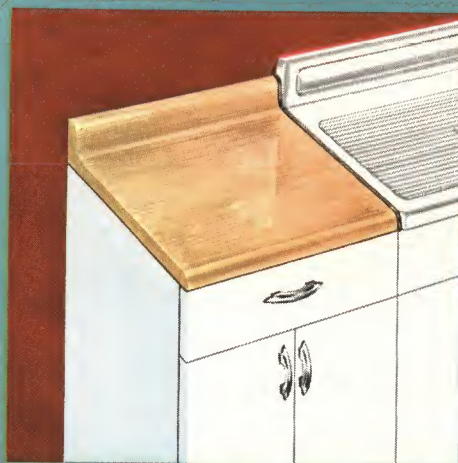




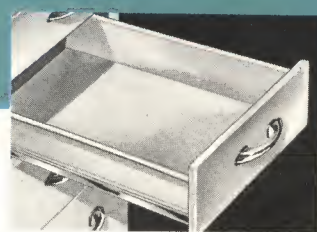
**HALF-ROUND BASE WHAT-NOT and BREAKFAST BAR** dresses up the kitchen, is delightful for snacks. Half-Round Base What-Not can be used by itself much as the Quarter-Round Base What-Not. Adding the top area completes the breakfast bar. Made of strong, white-enameled steel with stainless steel trim.



**QUARTER-ROUND BASE WHAT-NOT** decorates beautifully the end of a row of base cabinets. Handy, attractive open storage for small appliances, figurines, potted plants, and decorative china.

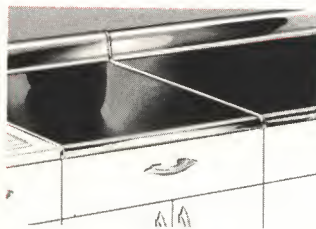


**MAPLE CUTTING BOARD CABINET TOP** for cutting meats, breads, vegetables. Hard, thick maple, laminated side to side with edge-grain surface. Tough as a butcher's block. Comes 24" wide, can be cut to smaller widths. Back-splash matches contour of other base cabinet back-splashes.

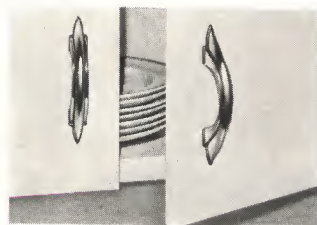


**Rigidly built drawers** fit perfectly, won't warp or stick. Slide easily even when loaded.

*famous features you'll enjoy!*



**Back-splashes** on cabinets and sinks protect walls, match exactly, and stay bright indefinitely.



**Handles** are bright, stainproof chrome. Shelves are welded in place, bottom shelves are double-floored.



**Recessed toe space** makes standing easy. Cabinets are just the right height (36"), no stooping or stretching.



**Doors** swing wide on concealed hinges. No sagging. Torpedo catches let doors close easily, keep them closed.



**Heavy insulation** between steel layers, plus rubber bumpers, sound-deadened drawer heads and doors.

**Youngstown Kitchens**



*Then  
add matching*

# WALL CABINETS

*Make your choice from a wide variety of sizes and styles to fit your kitchen wall space exactly and fill your particular needs perfectly.*

Lots of room, easy to reach. Individual units, yet they go together snugly to give your kitchen a splendid custom look.

Shelves are strong, doors sturdy. Construction throughout is rugged, long-life steel. Bottom shelves are double-floored. Doors open wide on concealed hinges. Spacious 13" depth allows room for almost any article, yet makes it easy to reach the back.



**18"-HIGH DOUBLE-DOOR WALL CABINET** for use over the range, refrigerator, or sink. The wipe-clean finish is particularly pleasing over the range. Keeps articles nearest the spot where you use them most. Widths: 36" (with split shelf for tall items), 18", 21", 24", 30", and 42".



**30"-HIGH DOUBLE-DOOR WALL CABINET** has three large compartments. Chrome handles. Doors swing open easily, quietly. Six widths: 18", 21", 24", 27", 30" and 36" (with split shelf).



**CORNER WALL CABINET.** Nearly 10 cubic feet of easy-to-get-at storage space—more than the average refrigerator! Strong, welded shelves hold more than 150 dishes. Angle of door opening means it's easier to reach the corner. Precision manufacture insures perfect fit—snugly up against the wall and the cabinets on either side.



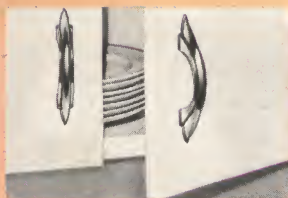




**30"-HIGH FOUR-DOOR WALL CABINET.** Loads of space in one unit. Width: 54". Perfect over a 54" sink.



**30"-HIGH SINGLE-DOOR WALL CABINET.** Three big compartments total 3.26 cubic feet of storage space. Door hinged right or left. Width: 15".

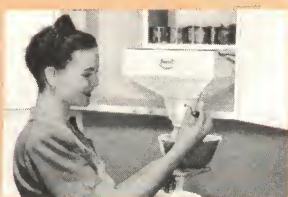


**Correct height** means no stretching or straining. Handles are placed for easiest reach.



**Depth** is exactly right so that you can reach the back with little effort.

**Metal bin** (extra) slides out easily for sifting of flour. Fits all wall cabinets. Holds plenty of flour for ordinary needs.



**Sparkling Hi-Bake** enamel finishes are easy to clean and keep clean. A damp cloth does it!





complete your kitchen with

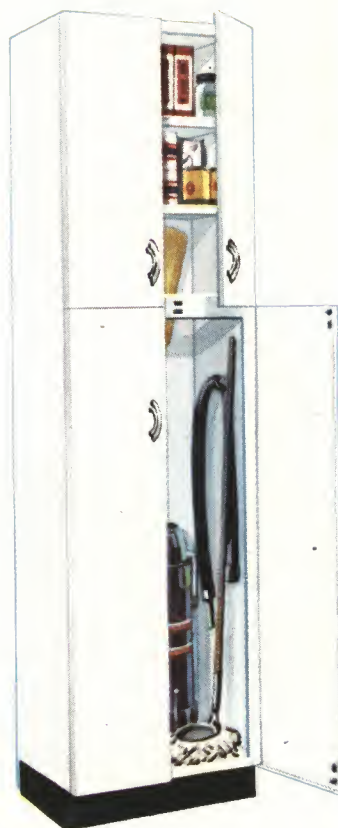
# UTILITY CABINETS and VARIETY UNITS

*Added convenience and specialized storage spaces round out the most wonderful kitchen you ever saw or dreamed of. All the unusual items you keep in the kitchen can be stored neatly, nearby.*

Smartly styled, yet practical as can be! The extra touches found in these units, together with their many out-of-the-ordinary facilities, help you put every inch of space to work. Combined with the wonderful advantages that are yours in Youngstown Kitchens units already selected, these units finish off your grandest, most glorious kitchen imaginable!



**ROLLING-DOOR CABINET**, a step-saver that puts an end to the fumble and search for condiments and small items. Fits under wall cabinets. Widths, 18" and 24"; height, 14"; front to back, 10". Sturdy enameled steel. Door of strong, long-life plastic.



**BROOM CABINET** keeps your broom, vacuum, mop, and cleaning supplies together. It's like an extra closet in your kitchen. Measures 21" wide, 84" high, and 13" front to back.



**LINEN CABINET** has sturdy shelves, matches other Youngstown Kitchens cabinets. Keeps linens dustfree in your kitchen, bathroom or laundry. Same size as broom cabinet.







**WHAT-NOT SHELVES**, attractive stainless-steel trim, ideal for holding plants, clock, decorative china, figurines. Height, 30" to match wall cabinets. Shelves, spaced 10" apart, are 7" on one side, 10" on the other. All-steel construction.



**CONTINUOUS TOPS, SEALER INSERTS.** Continuous corner tops give smooth, unbroken work surface. Where cabinets must be joined at the tops, sealer inserts give liquid-proof seals, keeping the kitchen clean and sanitary.

**... and your kitchen dream comes true!**





IT'S EASY TO PLAN A KITCHEN THAT

**SAVES** *time, steps and work!*

**Planning** your kitchen is easy, and you'll have a lot of fun doing it!

Remember these two basic points when you plan:

1. Kitchen equipment can be selected as furniture, just as furniture is purchased for other rooms in the house. A minimum number of pieces can be bought as a starter, and more added as means permit.
2. The Cabinet Sink or Electric Sink should be considered as the work center, around which other equipment will be placed, because two thirds of kitchen activity is carried on at the sink.

There are other things to consider in any kitchen plan. You will, for example, need a survey of the kitchen, noting the location of plumbing, windows, doors, radiators, lights, and other permanent fixtures. The location of these items in an existing kitchen may affect the kitchen plan. In a new home the kitchen can be easily planned before construction begins.

**You will want** to decide where your sink is to be located so that other units can be properly placed. You may want your sink under a window, or maybe not. It is particularly

desirable when remodeling an old kitchen to place the new Cabinet Sink so that existing plumbing connections can be used, unless this location is not convenient to other units.

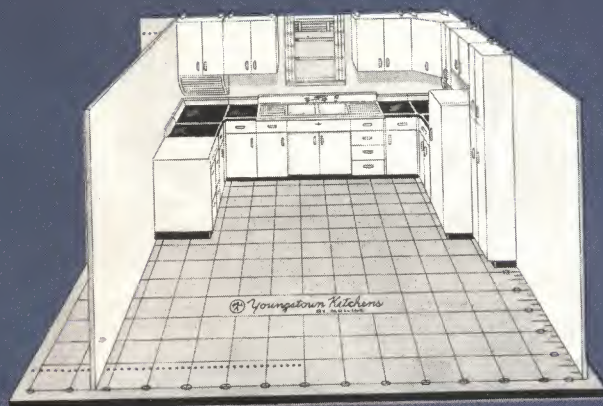
**When deciding** on base and wall cabinets, adequate storage should be provided. There must be room to store glasses, cooking utensils, linens, table dishes, staple groceries, small appliances, cleaning supplies and equipment.

At the same time, adequate work space must be included. When enough counter space is provided, work flows smoothly and less time and energy are consumed. You will obviously want counter area near the sink, near the range, and near the refrigerator.

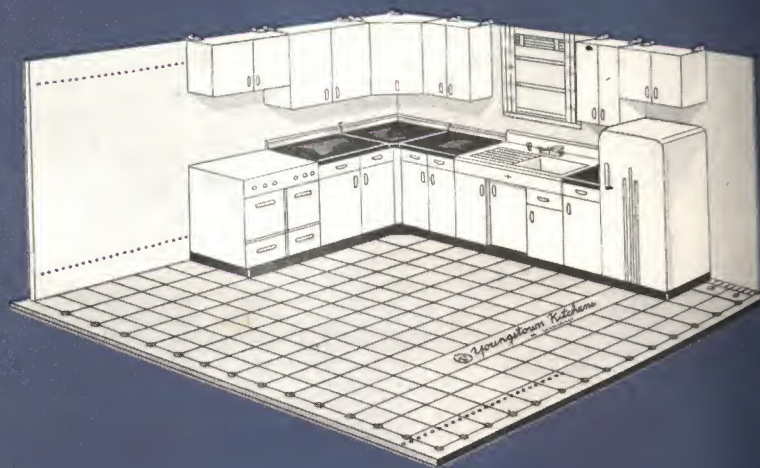
**When placing** your refrigerator, remember to have it so the door opens to give access to the refrigerator from adjacent counter space. (This will usually mean the door hinges will be on the side farthest away from your Cabinet Sink.)



## FOUR BASIC KITCHEN TYPES



**U-Shape Kitchen.** The Cabinet Sink is placed in the center, and other equipment as near as possible to give adequate storage and work spaces. Quite often the U-shape kitchen is modified by the addition of a door in one wall or corner, or a window or other fixture. But wherever a kitchen is being planned on three walls, the general rules on planning U-shaped kitchens apply.

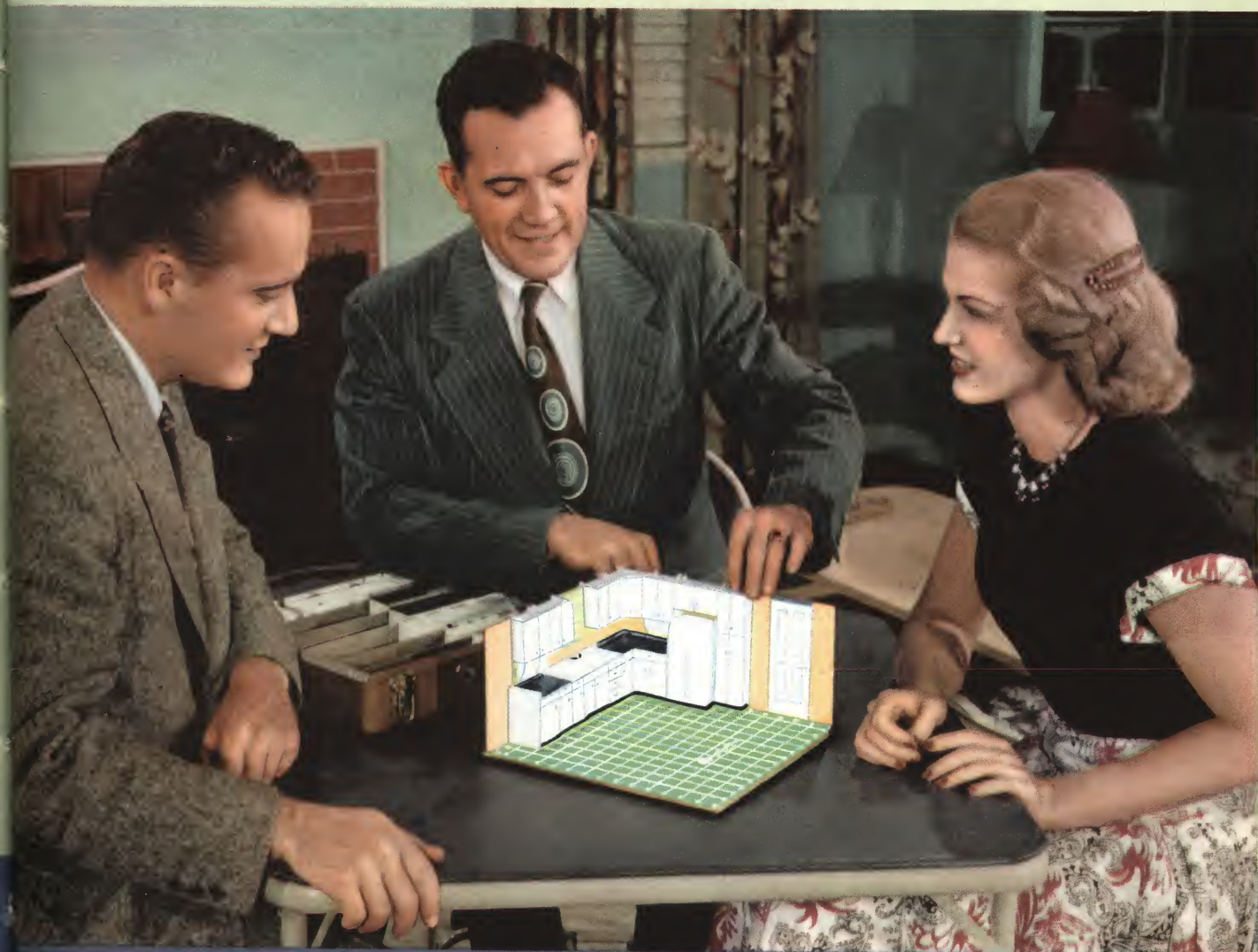


**L-Shape Kitchen.** Two adjacent walls make this type. Planning starts with the sink, where  $\frac{2}{3}$  of kitchen work is done. Planning of other units is influenced by the same variables as in the single-wall type, except that in the L-shape kitchen the addition of a corner brings into the picture a choice of corner cabinet.

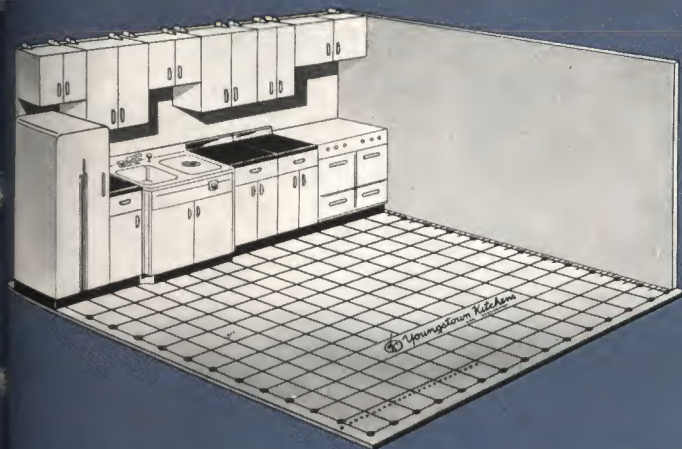




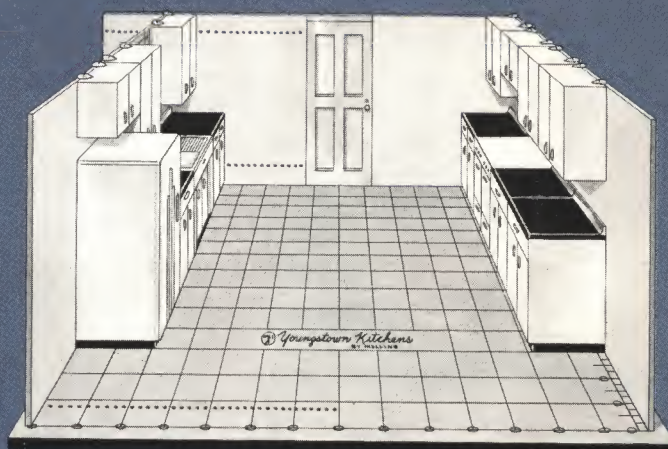
# Youngstown Kitchens



These illustrations show Youngstown Kitchens Min-A-Kitchens arranged in each of the 4 basic kitchen types. One of them represents your kitchen type.



**Single-Wall Kitchen.** All units are arranged along one wall. Even this simple type of kitchen offers scores of planning possibilities, and a kitchen-planning expert can help you decide on your best arrangement. In this type, as in all others, wise planning considers many variables—location of eating areas, doors, windows, the milk chute, outside access, and other fixtures.



**Parallel-Wall Kitchen.** Most suitable for the kitchen space that is long and narrow, with doors or other access openings at both ends. In planning kitchens of any type, the exclusive Youngstown Kitchens Min-A-Kitchen lets you make each suggested arrangement in exact miniature and then decide.



# Exciting ideas

like these give your  
imagination a free hand!

For dozens of additional uses of Youngstown Kitchens units in commercial buildings, classrooms, homes, doctors' and dentists' offices, and many other places, write Mullins Manufacturing Corporation, Warren, Ohio. Ask for free "Idea Book No. 4167."



**Easy-to-make planning desk!** Simple as A-B-C to make! Two base cabinets joined by a continuous top with recessed leg space between the cabinets.



**Horizontal What-Not Shelf.** Attractive and handy. Simply turn a wall What-Not Shelf on its side, put it over the stove for condiments, over the sink for vases or flowers or cook book, or on any other wall area to add beauty and convenience.

**Dressing table for powder or dressing room.** A standard 30" top is mounted between two linen cabinet with a mirror over the top surface. Complete this handy arrangement by adding a 30" wall cabinet.



**Youngstown Kitchens 27" Jet-Tower Automatic Dishwasher combined with 54" Cabinet Sink.** Completely modernize dishwashing in your present kitchen by replacing existing units with this combination. You get automatic dishwashing plus a complete Cabinet Sink with all its features.



**Linen closet for bathroom or laundry.** Famous Youngstown Kitchens features, all-steel construction, and massive storage space. Room for towels, soap, toilet articles, bleaches, starches, other laundry or bathroom articles.



**Replace existing equipment** with a Youngstown Kitchen Electric Sink. If your present sink is 48" wide, you can replace it with the Electric Sink and have automatic Jet-Tower Dishwashing. If your sink is larger than 48", you can put in a Electric Sink plus an additional unit. Either way, the rest of your kitchen need not be disturbed.



8

WAYS TO PAY FOR YOUR NEW



Youngstown Kitchens

and increase the value of your home!

A modern, rugged, durable, all-steel Youngstown Kitchen adds to the value of your home. You also make it more modern and thereby protect what you have already invested in the house.

Your Youngstown Kitchen investment pays off in added value now and in the future . . . in daily time and work savings . . . in the pleasure of beautiful and efficient surroundings . . . in the satisfaction that the best modern things always give.

Most wise investors, when they do not have ready cash, finance their investments when the opportunities present themselves. You can enjoy the advantages of credit, too, just like thousands of other families who have purchased Youngstown Kitchens through one of the 8 plans outlined here.

**Check them all.** Learn what you will gain by having your Youngstown Kitchen now, at today's advantageous prices.

#### PLAN NO. 1—USING YOUR BANK

*Millions of people have bought kitchens with money obtained from their banks. The cost of this method is very low.*

By this method you can get the cash to improve your property by the addition of a modern kitchen just as a merchant modernizes his store with new fixtures or a new front. Practically every family has the necessary security in property, insurance policies, stocks, or bonds to obtain the money needed. Ask your banker. He will suggest many possibilities.

#### PLAN NO. 2—REFINANCING THE MORTGAGE

*Thousands of home owners have paid off such a high percentage of their mortgage that the mortgagor is very much interested in refinancing to increase the mortgage by the amount required for a new kitchen.*

To refinance your mortgage in this manner, first plan your new Youngstown Kitchen with your dealer. Then take the cost estimate to your mortgagor. (Remember: When you do modernize this way, your home value will go up by a great amount, both in dollars and utility.)

#### PLAN NO. 3—OPEN-END MORTGAGE (Payments not increased)

*You may be able to obtain an Open-End Mortgage or be able to refinance your home under one.*

One form of Open-End Mortgage provides that if you have sufficient equity in your home, you may borrow additional money for modernization without increasing the amount of each monthly payment. You merely increase the number of them.

#### PLAN NO. 4—OPEN-END MORTGAGE (Time not increased)

*There is another form of Open-End Mortgage in which the number of payments remaining will not be changed. You simply increase the size of monthly payments by a small amount.*

#### PLAN NO. 5—F.H.A.

*The National Housing Act was passed by Congress to make it easier and less costly to buy new homes or modernize existing ones. Under this Act, the Federal*

*Housing Administration was created. Title I of the Act insures private lending institutions against loss on loans for property repair or improvement and makes the loans very attractive to many financing institutions.*

Since Youngstown Kitchens equipment is considered as permanent improvement, its installation may be financed under Title I of the Act. This plan of financing is available in most areas. Simply ask your Youngstown Kitchen dealer or banker, and he will direct you to sources of this type of financing.

#### PLAN NO. 6—TIME PAYMENT FINANCING

*Under certain conditions it may not be possible or may not be considered desirable to use any of the above plans. But that need not stop you from enjoying a Youngstown Kitchen now. Time payment financing may still be possible, either through your Youngstown Kitchen dealer or through a bank or finance company. Thousands of families with good credit standing and ability to pay find this method of financing new Youngstown Kitchens very desirable.*

#### PLAN NO. 7—UNIT-BY-UNIT MODERNIZATION

*This plan can be called a "pay-as-you-go plan."*

It is possible because Youngstown Kitchens units are standardized so that you can start with a few pieces and add to them later.

First, plan your complete Youngstown Kitchen with your Youngstown Kitchen dealer. Then, decide which units you want to install first and have them put in at once. At the same time, your dealer will give you a plan that you can use when your budget will permit installation of the additional units.


Your completed Youngstown Kitchen will be one beautiful ensemble, scientifically planned for your own kitchen space.

#### PLAN NO. 8—BUILDING OR BUYING A HOME NOT COMPLETED

*If you are building a home or buying a new home that is not yet complete, you may include a modern, all-steel Youngstown Kitchen complete in your original mortgage.*

Your Youngstown Kitchen will keep your home modern for years to come, with the Youngstown Kitchens Electric Sink, including automatic Jet-Tower Dishwasher, plus the Youngstown Kitchens Food Waste Disposer. You get dozens of other work-saving, timesaving features available only in Youngstown Kitchens.





See your



*Youngstown Kitchens*

**factory-trained dealer . . .**

Exclusive Youngstown Kitchens planning tools, complete factory training by experienced experts, plus *all* the units needed to build the most modern and wonderful kitchens in the world—combine to make your Youngstown Kitchen dealer the best qualified kitchen-planning expert you can find.

He *wants* to plan with you, because he enjoys kitchen planning more than anything else. There's no obligation—but when you do decide, he can also help plan easy budget terms if you desire.

Ask your Youngstown Kitchen dealer to show you *your dream kitchen*, free, in perfect plastic miniature.



HELP WITH  
MEASURING YOUR KITCHEN



HELP WITH  
PLANNING YOUR KITCHEN



HELP WITH  
FINANCING YOUR KITCHEN



*Youngstown Kitchens*

MULLINS MANUFACTURING CORPORATION  
WARREN, OHIO

*Youngstown Kitchens are sold throughout the World*

**IMPORTANT:** Mullins Manufacturing Corporation reserves the right to make changes at any time without notice in prices, material, equipment, specifications and models and also to discontinue models.



